Pioneer sound.vision.soul

English

Français

Operation Manual
Mode d'emploi

CD Receiver
Récepteur CD

DEH-P5900IB

SUPER TUNER III D

Contents

Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly. *After you have finished reading the instructions, keep this manual in a safe place for future reference.*

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Information to User

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

For Canadian model

This Class B digital apparatus complies with Canadian ICES-003.

About this unit

The tuner frequencies on this unit are allocated for use in North America. Use in other areas may result in poor reception.

WARNING

Handling the cord on this product or cords associated with accessories sold with the product may expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling***.

CAUTION:
USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION:
THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

CAUTION

- Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, this unit damage, smoke, and overheat could result from contact with liquids.
- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough so that you can hear sounds from outside the vehicle.
- Protect this unit from moisture.
- If the battery is disconnected or discharged, the preset memory will be erased and must be reprogrammed.

Important (Serial number)

The serial number is located on the bottom of this unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

About WMA

The Windows Media™ logo printed on the box indicates that this unit can play back WMA data.
WMA is short for Windows Media Audio and refers to an audio compression technology that is developed by Microsoft Corporation.
WMA data can be encoded by using Windows Media Player version 7 or later.
Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

- This unit may not operate correctly depending on the application used to encode WMA files.

About MP3
Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generating) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit http://www.mp3licensing.com.

About AAC
AAC is short for Advanced Audio Coding and refers to an audio compression technology standard used with MPEG 2 and MPEG 4. Several applications can be used to encode AAC files, but file formats and extensions differ depending on the application which is used to encode.
This unit plays back AAC files encoded by iTunes® version 6.0.5 and earlier.
iTunes is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

iPod® compatibility
This unit can control and listen to songs on an iPod.
- iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.
- This unit supports only an iPod with Dock Connector.
- This unit does not support software versions prior to iPod update 2004-10-20. For supported versions, consult your nearest Pioneer dealer.
- Operations may vary depending on the software version of iPod.

About the SAT RADIO READY mark

The SAT RADIO READY mark printed on the front panel indicates that the Satellite Radio Tuner for Pioneer (i.e., XM tuner and Sirius satellite tuner which are sold separately) can be controlled by this unit. Please inquire to your dealer or nearest authorized Pioneer service station regarding the satellite radio tuner that can be connected to this unit. For satellite radio tuner operation, please refer to the satellite radio tuner owner's manual.
- The system will use direct satellite-to-receiver broadcasting technology to provide listeners in their cars and at home with crystal-clear sound seamlessly from coast to coast. Satellite radio will create and package over 100 channels of digital-quality music, news, sports, talk and children's programming.
- "SAT Radio", the SAT Radio logo and all related marks are trademarks of Sirius Satellite Radio inc., and XM Satellite Radio Inc. ■

After-sales service for Pioneer products

Please contact the dealer or distributor from where you purchased this unit for after-sales service (including warranty conditions) or any other information. In case the necessary information is not available, please contact the companies listed below:
Please do not ship your unit to the companies at the addresses listed below for repair without advance contact.

U.S.A.
Pioneer Electronics (USA) Inc.
CUSTOMER SUPPORT DIVISION
P.O. Box 1760
Long Beach, CA 90801-1760
800-421-1404

CANADA
Pioneer Electronics of Canada, Inc.
CUSTOMER SATISFACTION DEPARTMENT
300 Allstate Parkway
Markham, Ontario L3R OP2
1-877-283-5901

For warranty information please see the Limited Warranty sheet included with this unit.

Visit our website

Visit us at the following site:

http://www.pioneerelectronics.com

1 Register your product. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft.
2 Receive updates on the latest products and technologies.
3 Download owner's manuals, order product catalogues, research new products, and much more.

Protecting your unit from theft

The front panel can be detached to deter theft.

- If the front panel is not detached from the head unit within five seconds of turning off the ignition, a warning tone will sound.
- You can turn off the warning tone. See *Switching the warning tone* on page 25.

Important

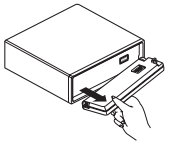
- Handle gently when removing or attaching the front panel.
- Avoid subjecting the front panel to excessive shocks.
- Keep the front panel out of direct sunlight and high temperatures.

Removing the front panel

1 Press OPEN to open the front panel.

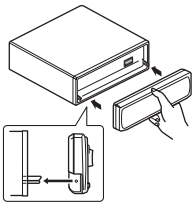
2 Grip the left side of the front panel and pull it gently outward.

Take care not to grip it too tightly or to drop the front panel and protect it from contact with water or other fluids to prevent permanent damage.



Attaching the front panel

- **Replace the front panel by holding it upright to the unit and clipping it securely into the mounting hooks.**



About the demo mode

This unit features two demonstration modes. One is the reverse mode, the other is the feature demo mode.

Important

The red lead (ACC) of this unit should be connected to a terminal coupled with ignition switch on/off operations. If this is not done, the vehicle battery may be drained.

Reverse mode

If you do not perform an operation within about 30 seconds, screen indications start to reverse, and then continue reversing every 10 seconds. Pressing **BAND** when power to this unit is turned off while the ignition switch is set to ACC or ON cancels the reverse mode. Press **BAND** again to start the reverse mode.

Feature demo mode

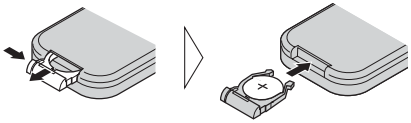
The feature demo automatically starts when power to this unit is turned off while the ignition switch is set to ACC or ON. Pressing **DISPLAY** during feature demo operation cancels the feature demo mode. Press **DISPLAY** again to start the feature demo mode. Remember that if the feature demo continues operating when the car engine is turned off, it may drain battery power.

Use and care of the remote control

Installing the battery

Slide the tray out on the back of the remote control and insert the battery with the plus (+) and minus (–) poles pointing in the proper direction.

- When using for the first time, pull out the film protruding from the tray.



WARNING

Keep the battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.

CAUTION

- Use only one **CR2025 (3 V)** lithium battery.
- Remove the battery if the remote control is not used for a month or longer.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not handle the battery with metallic tools.
- Do not store the battery with metallic materials.
- In the event of battery leakage, wipe the remote control completely clean and install a new battery.
- When disposing of used batteries, please comply with governmental regulations or environmental public institutions' rules that apply in your country/area.
- "Perchlorate Material – special handling may apply.
  See www.dtsc.ca.gov/hazardouswaste/perchlorate. (Applicable to California, U.S.A.)"

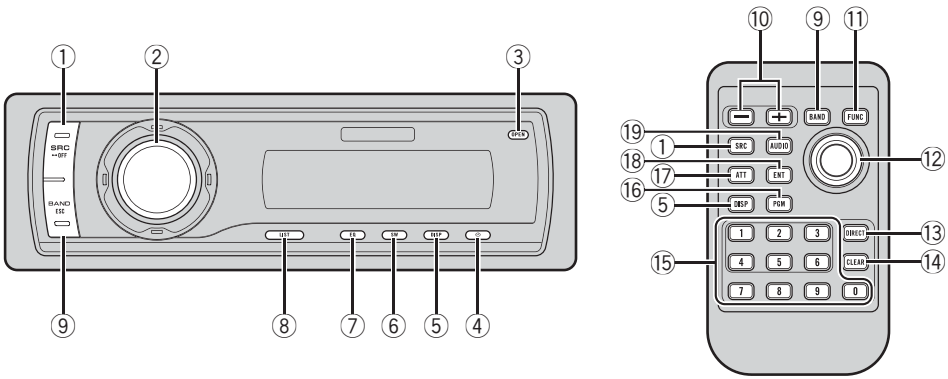
Using the remote control

Point the remote control in the direction of the front panel to operate.

- The remote control may not function properly in direct sunlight.

Important

- Do not store the remote control in high temperatures or direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal.



What's What

Head unit

① **SOURCE button**
This unit is turned on by selecting a source. Press to cycle through all the available sources.

② **MULTI-CONTROL**
Move to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.
Turn to increase or decrease the volume.

③ **OPEN button**
Press to open the front panel.

④ **CLOCK button**
Press to change to the clock display. Press and hold to change the channel select mode when XM tuner or SIRIUS tuner is selected as the source.

⑤ **DISPLAY button**
Press to select different displays.

⑥ **SW button**
Press to select the subwoofer setting menu. Press and hold to select the bass boost setting menu.

⑦ **EQ button**
Press to select various equalizer curves.

⑧ **LIST button**
Press to display the disc title list, track title list, folder list, file list or preset channel list depending on the source.

⑨ **BAND button**
Press to select among three FM bands and one AM band and to cancel the control mode of functions.

Remote control

Operation is the same as when using the buttons on the head unit.

⑩ **VOLUME buttons**
Press to increase or decrease the volume.

⑪ **FUNCTION button**
Press to select functions.

⑫ **Joystick**
Move to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.
Functions are the same as **MULTI-CONTROL** except for volume control.

⑬ **DIRECT button**
Press to directly select the desired track.

⑭ **CLEAR button**
Press to cancel the input number when **0** to **9** are used.

⑮ **0 to 9 buttons**
Press to directly select the desired track, preset tuning or disc. Buttons **1** to **6** can operate the preset tuning for the tuner or disc number search for the multi-CD player.

⑯ **PGM button**
Press to operate the preprogrammed functions for each source. (Refer to *Using the PGM button* on page 29.)

⑰ **ATT button**
Press to quickly lower the volume level, by about 90%. Press once more to return to the original volume level.

⑱ **ENTERTAINMENT button**
Press to change to the entertainment display.

⑲ **AUDIO button**
Press to select various sound quality controls.

Basic Operations

Power ON/OFF

Turning the unit on

- **Press SOURCE to turn the unit on.**

Turning the unit off

- **Press SOURCE and hold until the unit turns off.**

Selecting a source

You can select a source you want to listen to. To switch to the built-in CD player, load a disc in the unit (refer to page 13).

- **Press SOURCE to select a source.**

Press **SOURCE** repeatedly to switch between the following sources:
XM tuner—SIRIUS tuner—Tuner—Television—DVD player/Multi-DVD player—Built-in CD player—Multi-CD player—iPod—USB—External unit 1—External unit 2—AUX1—AUX2—BT Audio—BT Telephone

Notes

- In the following cases, the sound source will not change:
  - When there is no unit corresponding to the selected source connected to this unit.
  - When there is no disc or magazine in the player.
  - When the AUX (auxiliary input) is set to off (refer to page 26).
  - When the **BT Audio** source is set to off (refer to *Activating the* **BT Audio** *source* on page 27).
- AUX1 is set to on by default. Turn off the AUX1 when not in use (refer to *Switching the auxiliary setting* on page 26).

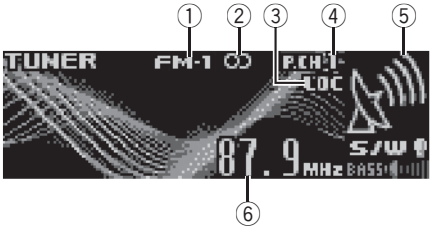
- External unit refers to a Pioneer product (such as one available in the future) that, although incompatible as a source, enables control of basic functions by this unit. Two external units can be controlled by this unit. When two external units are connected, the allocation of them to external unit 1 or external unit 2 is automatically set by this unit.
- When this unit's blue/white lead is connected to the vehicle's auto-antenna relay control terminal, the vehicle's antenna extends when this unit's source is turned on. To retract the antenna, turn the source off.

Adjusting the volume

● **Use MULTI-CONTROL to adjust the sound level.** ▣

Tuner

Basic Operations



① Band indicator
② Stereo (◌) indicator
Shows when the selected frequency is being broadcast in stereo.
③ **LOC** indicator
Shows when local seek tuning is on.
④ Preset number indicator
⑤ Signal level indicator
Shows the radio wave strength.
⑥ Frequency indicator

1 Press SOURCE to select the tuner.

2 Press BAND to select a band.
Press **BAND** until the desired band is displayed, **FM-1**, **FM-2**, **FM-3** for FM or **AM**.

3 To perform manual tuning, push MULTI-CONTROL left or right.

4 To perform seek tuning, push and hold MULTI-CONTROL left or right for about one second and release.
The tuner will scan the frequencies until a broadcast strong enough for good reception is found.

- You can cancel seek tuning by pushing **MULTI-CONTROL** left or right.
- If you push and hold **MULTI-CONTROL** left or right you can skip stations. Seek tuning starts as soon as you release **MULTI-CONTROL**.

Note

Listening AM radio while connecting iPod to this unit may generate noise. In this case, disconnect iPod from this unit and noise is disappeared.

Storing and recalling broadcast frequencies

You can easily store up to six broadcast frequencies for later recall.

- Up to 18 FM stations, six for each of the three FM bands, and six AM stations can be stored in memory.

1 When you find a frequency that you want to store in memory press LIST.

2 Use MULTI-CONTROL to store the selected frequency in memory.

Turn to change the preset number; press and hold to store.

The preset number you have selected will flash and then remain lit. The selected radio station frequency has been stored in memory.

3 Use MULTI-CONTROL to select the desired station.

Turn to change the station; press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

Using the remote control

- **When you find a frequency that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the preset number stops flashing.**

The number you have pressed will flash in the preset number indicator and then remain lit. The selected radio station frequency has been stored in memory.

The next time you press the same preset tuning button the radio station frequency is recalled from memory.

- You can also recall radio station frequencies assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down during the frequency display.

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.

FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.

Turn to change the menu option; press to select.

The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.

Turn **MULTI-CONTROL** to switch between the functions in the following order:

BSM (best stations memory)—**Local** (local seek tuning)

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the frequency display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display is automatically returned to the ordinary display.

Storing the strongest broadcast frequencies

BSM (best stations memory) lets you automatically store the six strongest broadcast frequencies under **1** to **6** on the remote control and once stored there you can tune in to those frequencies with the touch of a button.

- Storing broadcast frequencies with BSM may replace broadcast frequencies you have saved using **1** to **6** on the remote control.

1 Use MULTI-CONTROL to select BSM in the function menu.

2 Press MULTI-CONTROL to turn BSM on.
Six strongest broadcast frequencies will be stored in the order of their signal strength.
- To cancel the storage process, press **MULTI-CONTROL** again.

3 Use MULTI-CONTROL to select the desired station.
Turn to change the station; press to select.
- You can also change the station by pushing **MULTI-CONTROL** up or down.

Tuning in strong signals

Local seek tuning lets you tune in only those radio stations with sufficiently strong signals for good reception.

1 Use MULTI-CONTROL to select Local in the function menu.

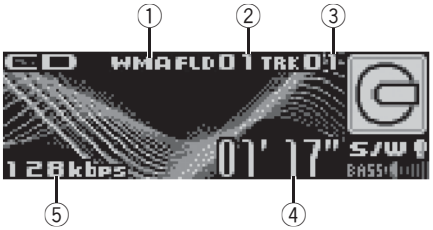
2 Press MULTI-CONTROL to turn local seek tuning on.
- To turn local seek tuning off, press **MULTI-CONTROL** again.

3 Push MULTI-CONTROL left or right to set the sensitivity.
There are four levels of sensitivity for FM and two levels for AM:
FM: **Level 1**—**Level 2**—**Level 3**—**Level 4**
AM: **Level 1**—**Level 2**
The **Level 4** setting allows reception of only the strongest stations, while lower settings let you receive progressively weaker stations.

Built-in CD Player

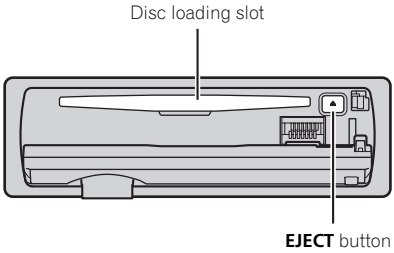
Basic Operations

The built-in CD player can play back audio CD (CD-DA) and compressed audio (WMA/MP3/AAC/WAV) recorded on CD-ROM. (Refer to page 59 for files that can be played back.)
Read the precautions with discs and player on page 58.



① **WMA/MP3/AAC/WAV** indicator
Shows the type of audio file currently playing when the compressed audio is playing.
② Folder number indicator
Shows the folder number currently playing when the compressed audio is playing.
③ Track number indicator
④ Play time indicator
⑤ Bit rate/sampling frequency indicator
Shows the bit rate or sampling frequency of the current track (file) when the compressed audio is playing.
- When playing back VBR (variable bit rate)-recorded WMA files, the average bit rate value is displayed.
- When playing back VBR (variable bit rate)-recorded MP3 files, **VBR** is displayed instead of bit rate value.

1 Press OPEN to open the front panel.
Disc loading slot appears.



■ To avoid a malfunction, make sure that no metal object comes into contact with the terminals when the front panel is open.

2 Insert a CD (CD-ROM) into the disc loading slot.

Playback will automatically start.

■ **Be sure to turn up the label side of a disc.**

■ After a CD (CD-ROM) has been inserted, press **SOURCE** to select the built-in CD player.

■ You can eject a CD (CD-ROM) by pressing **EJECT**.

3 Close the front panel.

4 Push MULTI-CONTROL up or down to select a folder when playing a compressed audio.

■ You cannot select a folder that does not have a compressed audio file recorded in it.

■ To return to folder 01 (ROOT), press and hold **BAND**. However, if folder 01 (ROOT) contains no files, playback commences with folder 02.

5 To perform fast forward or reverse, push and hold MULTI-CONTROL left or right.

■ If you select **Rough search**, pushing and holding **MULTI-CONTROL** left or right enables you to search every 10 tracks in the current disc (folder). (Refer to *Searching every 10 tracks in the current disc or folder* on page 16.)

6 To skip back or forward to another track, push MULTI-CONTROL left or right.

Notes

- There is sometimes a delay between starting up disc playback and the sound being issued. When being read, **Format read** is displayed.
- If an error message such as **ERROR-11** is displayed, refer to *Understanding error messages* on page 58.
- When playing CD-EXTRA or MIXED-MODE CDs, compressed audio and CD-DA can be switched by pressing **BAND**.
- If you have switched between compressed audio and CD-DA, playback starts at the first track on the disc.
- When playing back VBR (variable bit rate) recorded files, elapsed play time may not be displayed correctly.
- When playing compressed audio, there is no sound on fast forward or reverse.
- Playback is carried out in order of file number. Folders are skipped if they contain no files. (If folder 01 (ROOT) contains no files, playback commences with folder 02.)

Selecting a track directly

When using the remote control, you can select a track directly by entering the desired track number.

- When audio files are being played back, you can select track in the current folder.

1 Press DIRECT.

Track number input display appears.

2 Press 0 to 9 buttons to enter the desired track number.

■ You can cancel the input number by pressing **CLEAR**.

3 Press DIRECT.

The track of entered number will play.

■ After entering the number input mode, if you do not perform an operation within about eight seconds, the mode is automatically canceled.

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.
Turn to change the menu option; press to select.
The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.
Turn **MULTI-CONTROL** to switch between the functions in the following order:
Play mode (repeat play)—**Random mode** (random play)—**Scan mode** (scan play)—**Pause** (pause)—**Compression** (compression and BMX)—**Search mode** (search method)—**TitleInput "A"** (disc title input)

- You can also select the function by pressing **FUNCTION** on the remote control.
- When playing a CD TEXT disc, you cannot switch to disc title input display. The disc title will have already been recorded on a CD TEXT disc.
- When playing compressed audio disc, you cannot switch to disc title input display.
- To return to the ordinary display, press **BAND**.
- If you do not operate functions except for **TitleInput "A"** within about 30 seconds, the display is automatically returned to the ordinary display.

Selecting a repeat play range

Repeat play plays the same track/folder within the selected repeat play range.
Also, the repeat range determines the range of random play and scan play.

1 Use MULTI-CONTROL to select Play mode in the function menu.

2 Press MULTI-CONTROL to select the repeat range.

- **Disc repeat** – Repeat all tracks
- **Track repeat** – Repeat just the current track
- **Folder repeat** – Repeat the current folder

- If you select another folder during repeat play, the repeat play range changes to disc repeat.
- When playing CD, performing track search or fast forward/reverse cancels the repeat play automatically.
- When playing compressed audio, performing track search or fast forward/reverse during **Track repeat** (track repeat) changes the repeat play range to folder repeat.
- When **Folder repeat** (folder repeat) is selected, it is not possible to play back a subfolder of that folder.

Playing tracks in random order

Random play plays tracks in a random order within the selected repeat range.
Refer to *Selecting a repeat play range* on this page.

1 Use MULTI-CONTROL to select Random mode in the function menu.

2 Press MULTI-CONTROL to turn random play on.
Tracks will play in a random order.

- To turn random play off, press **MULTI-CONTROL** again.

Scanning folders and tracks

Scan play searches the song within the selected repeat range.
Refer to *Selecting a repeat play range* on this page.

1 Use MULTI-CONTROL to select Scan mode in the function menu.

2 Press MULTI-CONTROL to turn scan play on.
The first 10 seconds of each track is played.

3 When you find the desired track press MULTI-CONTROL to turn scan play off.

- If the display has automatically returned to the playback display, select **Scan mode** again by using **MULTI-CONTROL**.
- After scanning of a disc (folder) is finished, normal playback of the tracks will begin again.

Pausing disc playback

1 Use MULTI-CONTROL to select Pause in the function menu.

2 Press MULTI-CONTROL to turn pause on.

Playback of the current track pauses.

- To turn pause off, press **MULTI-CONTROL** again.

Using compression and BMX

Using the COMP (compression) and BMX functions let you adjust the sound playback quality of this unit.

1 Use MULTI-CONTROL to select Compression in the function menu.

2 Press MULTI-CONTROL to select your favorite setting.

COMP/BMX OFF—COMP 1—COMP 2—COMP/BMX OFF—BMX 1—BMX 2

Searching every 10 tracks in the current disc or folder

You can switch the search method between fast forward/reverse and searching every 10 tracks. Selecting **Rough search** enables you to search every 10 tracks.

1 Use MULTI-CONTROL to select Search mode in the function menu.

2 Press MULTI-CONTROL to select Rough search.

- **FF/REV** – Fast forward and reverse
- **Rough search** – Searching every 10 tracks

- To select **FF/REV**, press **MULTI-CONTROL** again.

3 Press BAND to return to the playback display.

4 Push and hold MULTI-CONTROL left or right to search every 10 tracks on a disc (folder).

- If the rest of track number is less than 10, pushing and holding **MULTI-CONTROL** recalls the first (last) one.

Using disc title functions

You can input CD titles and display the title. The next time you insert a CD for which you have entered a title, the title of that CD will be displayed.

Entering disc titles

Use the disc title input feature to store up to 48 CD titles in the unit. Each title can be up to 10 characters long.

1 Play the CD that you want to enter a title for.

2 Use MULTI-CONTROL to select TitleInput "A" in the function menu.

3 Press DISPLAY to select the desired character type.

Press **DISPLAY** repeatedly to switch between the following character types:
Alphabet (upper case), numbers and symbols —Alphabet (lower case)—European letters, such as those with accents (e.g. **á**, **à**, **ä**, **ç**)—Numbers and symbols

4 Push MULTI-CONTROL up or down to select a letter of the alphabet.

5 Push MULTI-CONTROL left or right to move the cursor to the previous or next character position.

6 Move the cursor to the last position by pushing MULTI-CONTROL right after entering the title.

When you push **MULTI-CONTROL** right one more time, the entered title is stored in memory.

7 Press BAND to return to the playback display.

Notes

- Titles remain in memory, even after the disc has been removed from the unit, and are recalled when the disc is reinserted.
- After data for 48 discs has been stored in memory, data for a new disc will overwrite the oldest one.
- If you connect a multi-CD player, you can input disc titles for up to 100 discs.
- When a multi-CD player that does not support disc title functions is connected, you cannot enter disc titles in this unit.

Displaying text information on disc

● **Press DISPLAY to select the desired text information.**

For title entered CD

Play time—: disc title and play time

For CD TEXT discs

Play time—: disc artist name and : track title—: disc artist name and : disc title—: disc title and : track title—: track artist name and : track title—: track title and play time

For WMA/MP3/AAC discs

Play time—: folder name and : file name—: artist name and : track title—: artist name and : album title—: album title and : track title—: track title and play time—: comment and play time

For WAV discs

Play time—: folder name and : file name

Notes

- You can scroll to the left of the title by pressing and holding **DISPLAY**.
- Audio CD that contains certain information such as text and/or number is CD TEXT.
- If specific information has not been recorded on a disc, title or name is not displayed.
- Depending on the version of iTunes® used to write MP3 files onto a disc, comment information may not be correctly displayed.
- Depending on the version of Windows Media Player used to encode WMA files, album names and other text information may not be correctly displayed.
- The sampling frequency shown in the display may be abbreviated.
- When Ever Scroll is set to ON at the initial setting, text information scrolls continuously in the display. Refer to *Switching the Ever Scroll* on page 27.

Selecting tracks from the track title list

Track title list lets you see the list of track titles on a CD TEXT disc and select one of them to play back.

1 Press LIST to switch to the track title list mode.

2 Use MULTI-CONTROL to select the desired track title.

Turn to change the track title; press to play.

- You can also change the track title by pushing **MULTI-CONTROL** up or down.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

Selecting tracks from the file name list

File name list lets you see the list of file names (or folder names) and select one of them to playback.

1 Press LIST to switch to the file name list mode.

Names of files and folders appear in the display.

2 Use MULTI-CONTROL to select the desired file name (or folder name).

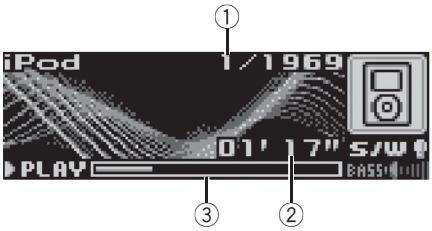
Turn to change the name of file or folder; press to play; push right to see a list of the files (or folders) in the selected folder.

- You can also change the name of file or folder by pushing **MULTI-CONTROL** up or down.
- To return to the previous list (the folder one level higher), push **MULTI-CONTROL** left.
- If the folder/file number is more than 100, last 2-digit of the folder/file number is displayed.
- Number of the folders/files in the currently selected folder will be indicated on the right side of the display.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

Playing songs on iPod

Basic Operations

You can use this unit to control an iPod by using a cable (e.g., CD-I200), which is sold separately.



① Song number indicator
② Play time indicator
③ Song time (progress bar)

1 Connect the iPod to this unit.

Playback will automatically start.
While the iPod is connected to this unit, **PIONEER** (or ✓ (check mark)) is displayed on the iPod.

- Before connecting the dock connector of this unit to the iPod, disconnect the headphones from the iPod.
- After the iPod has been connected to this unit, press **SOURCE** to select the iPod.
- When removing the iPod from this unit, this unit is turned off.

2 To perform fast forward or reverse, push and hold MULTI-CONTROL left or right.

3 To skip back or forward to another song, push MULTI-CONTROL left or right.

Notes

- Read the precautions with iPod on page 60.
- If an error message such as **ERROR-11** is displayed, refer to *Understanding error messages* on page 58.
- Connect directly the dock connector of this unit to the iPod so that this unit works properly.

- When the ignition switch is set to ACC or ON, the iPod's battery is charged while the iPod is connected to this unit.
- While the iPod is connected to this unit, the iPod itself cannot be turned on or off.
- The iPod connected to this unit is turned off about two minutes after the ignition switch is set to OFF.

Browsing for a song

The operation of this unit to control an iPod is designed to be as close to the operation of the iPod as possible for easy operation and song search.

- If playlist has been selected, first, this unit shows playlist of your iPod's name. This playlist plays all songs in your iPod.
- If the characters recorded on the iPod are not compatible with this unit, those characters will not be displayed.

1 Press LIST to switch to the top menu of the list search.

2 Use MULTI-CONTROL to select a category.

Turn to change the category; press to select.
Playlists (playlists)—**Artists** (artists)—**Albums** (albums)—**Songs** (songs)—**Genres** (genres)
List from the selected category is displayed.

- You can start playback throughout the selected category by pressing and holding **MULTI-CONTROL**.
- You can also change the category by pushing **MULTI-CONTROL** up or down.
- You can also select the category by pushing **MULTI-CONTROL** right.
- To return to the previous list, push **MULTI-CONTROL** left.
- To go to the top menu of the list search, push and hold **MULTI-CONTROL** left.
- If you do not operate the list within about 30 seconds, the list search is cancelled automatically.

3 Repeat step 2 to find a song you want to listen to.

Displaying text information on iPod

● Press DISPLAY to select the desired text information.

Play time—♫ : artist name and ♪ : song title —♫ : artist name and ⊘ : album name—⊘ : album name and ♪ : song title—♪ : song title and play time

- If the characters recorded on the iPod are not compatible with this unit, those characters will not be displayed.

Notes

- You can scroll to the left the text information by pressing and holding **DISPLAY**.
- When Ever Scroll is set to ON at the initial setting, text information scrolls continuously in the display. Refer to *Switching the Ever Scroll* on page 27.

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.

FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.

Turn to change the menu option; press to select.
The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.

Turn **MULTI-CONTROL** to switch between the functions in the following order:
Play mode (repeat play)—**Shuffle mode** (shuffle)—**Shuffle all** (shuffle all)—**Pause** (pause)

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the playback display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display is automatically returned to the ordinary display.

Repeating play

For playback of the songs on the iPod, there are two repeat play ranges: **Repeat One** (repeat one song) and **Repeat All** (repeat all songs in the list).

- While **Play mode** is set to **Repeat One**, you cannot select the other songs.

1 Use MULTI-CONTROL to select Play mode in the function menu.

2 Press MULTI-CONTROL to select the repeat range.

- **Repeat One** – Repeat just the current song
- **Repeat All** – Repeat all songs in the selected list

Playing songs in a random order (shuffle)

For playback of the songs on the iPod, there are two random play methods: **Shuffle Songs** (play back songs in a random order) and **Shuffle Albums** (play back albums in a random order).

1 Use MULTI-CONTROL to select Shuffle mode in the function menu.

2 Press MULTI-CONTROL to select your favorite setting.

- **Shuffle Songs** – Play back songs in a random order within the selected list
- **Shuffle Albums** – Select an album randomly, and then play back all the songs in it in order
- **Shuffle OFF** – Cancel the random play

Playing all songs in a random order (shuffle all)

This method plays all songs on the iPod randomly.

● **Press and hold MULTI-CONTROL to turn shuffle all on during the playback display.**
Shuffle All is displayed briefly and all songs on the iPod will play randomly.

Note

You can also turn shuffle all on in the menu that appears by using **MULTI-CONTROL**.

Pausing a song

1 Use MULTI-CONTROL to select Pause in the function menu.

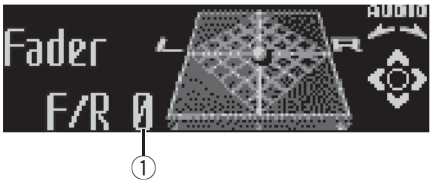
2 Press MULTI-CONTROL to turn pause on.

Playback of the current song pauses.

■ To turn pause off, press **MULTI-CONTROL** again.

Audio Adjustments

Introduction of audio adjustments



① Audio display
Shows the audio adjustment status.

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select AUDIO.
Turn to change the menu option; press to select.
The audio function name appears on the display.

3 Turn MULTI-CONTROL to select the audio function.
Turn **MULTI-CONTROL** to switch between the audio functions in the following order:
Fader (balance adjustment)—**Powerful** (graphic equalizer adjustment)—**50Hz** (7-band graphic equalizer adjustment)—**LOUD** (loudness)—**Sub W.1** (subwoofer on/off setting)—**Sub W.2** (subwoofer setting)—**Bass** (bass boost)—**HPF** (high pass filter)—**SLA** (source level adjustment)

- You can also select the audio function by pressing **AUDIO** on the remote control.
- You can select the **Sub W.2** only when subwoofer output is turned on in **Sub W.1**.
- When selecting the FM tuner as the source, you cannot switch to **SLA**.
- To return to the display of each source, press **BAND**.
- If you do not operate functions except for **50Hz** within about 30 seconds, the display is automatically returned to the ordinary display.

Using balance adjustment

You can change the fader/balance setting so that it can provide you an ideal listening environment in all occupied seats.

1 Use MULTI-CONTROL to select Fader.
- If the balance setting has been previously adjusted, **Balance** will be displayed.

2 Push MULTI-CONTROL up or down to adjust front/rear speaker balance.
Each time **MULTI-CONTROL** is pushed up or down, the front/rear speaker balance moves towards the front or rear.
F 15 to **R 15** is displayed as the front/rear speaker balance moves from front to rear.
- **F/R 0** is the proper setting when only two speakers are used.
- When the rear output setting is **Rear SP:S/W**, you cannot adjust front/rear speaker balance. Refer to *Setting the rear output and subwoofer controller* on page 26.

3 Push MULTI-CONTROL left or right to adjust left/right speaker balance.
Each time **MULTI-CONTROL** is pushed left or right, the left/right speaker balance moves towards the left or right.
L 15 to **R 15** is displayed as the left/right speaker balance moves from left to right.

Using the equalizer

The equalizer lets you adjust the equalization to match car interior acoustic characteristics as desired.

Recalling equalizer curves

There are seven stored equalizer curves which you can easily recall at any time. Here is a list of the equalizer curves:

Display	Equalizer curve
Powerful	Powerful
Natural	Natural
Vocal	Vocal

Custom 1	Custom 1
Custom 2	Custom 2
Flat	Flat
Super Bass (S.Bass)	Super bass

- **Custom 1** and **Custom 2** are adjusted equalizer curves that you create. Adjustments can be made with a 7-band graphic equalizer.
- When **Flat** is selected no supplement or correction is made to the sound. This is useful to check the effect of the equalizer curves by switching alternatively between **Flat** and a set equalizer curve.

● **Press EQ to select the equalizer.**
Press **EQ** repeatedly to switch between the following equalizers:
Powerful—**Natural**—**Vocal**—**Custom 1**—**Custom 2**—**Flat**—**Super Bass (S.Bass)**

Adjusting equalizer curves

The factory supplied equalizer curves, with the exception of **Flat**, can be adjusted to a fine degree (nuance control).

1 Use MULTI-CONTROL to select the graphic equalizer adjustment.
Powerful appears in the display.
If the equalizer curve has been previously selected, the curve of that previously selected will be displayed instead of **Powerful**.

2 Push MULTI-CONTROL left or right to select an equalizer curve.
Each time **MULTI-CONTROL** is pushed left or right, equalizer curves are selected in the following order:
Powerful—**Natural**—**Vocal**—**Custom 1**—**Custom 2**—**Flat**—**Super Bass (S.Bass)**

3 Push MULTI-CONTROL up or down to adjust the equalizer curve.
Each time **MULTI-CONTROL** is pushed up or down, the equalizer curve increases or decreases respectively.
+6 to **–4** (or **–6**) is displayed as the equalizer curve is increased or decreased.

- The actual range of the adjustments are different depending on which equalizer curve is selected.
- The equalizer curve with all frequencies set to **0** cannot be adjusted.

Adjusting 7-band graphic equalizer

For **Custom 1** and **Custom 2** equalizer curves, you can adjust the level of each band.

- A separate **Custom 1** curve can be created for each source. (The built-in CD player and the multi-CD player are set to the same equalizer adjustment setting automatically.) If you make adjustments when a curve other than **Custom 2** is selected, the equalizer curve settings will be memorized in **Custom 1**.
- A **Custom 2** curve can be created common to all sources. If you make adjustments when the **Custom 2** curve is selected, the **Custom 2** curve will be updated.

1 Recall the equalizer curve you want to adjust.
See *Recalling equalizer curves* on the previous page.

2 Use MULTI-CONTROL to select 7-band graphic equalizer adjustment.
Frequency and the level (e.g., **50Hz +4**) appears in the display.

3 Push MULTI-CONTROL left or right to select the equalizer band to adjust.
Each time **MULTI-CONTROL** is pushed left or right, equalizer bands are selected in the following order:
50Hz—**125Hz**—**315Hz**—**800Hz**—**2kHz**—**5kHz**—**12.5kHz**

4 Push MULTI-CONTROL up or down to adjust the level of the equalizer band.
Each time **MULTI-CONTROL** is pushed up or down, the level of the equalization band increases or decreases.

+6 to **–6** is displayed as the level is increased or decreased.
- You can then select another band and adjust the level.

5 Press BAND to cancel the 7-band graphic equalizer adjustment.

Adjusting loudness

Loudness compensates for deficiencies in the low- and high-sound ranges at low volume.

1 Use MULTI-CONTROL to select LOUD.

2 Press MULTI-CONTROL to turn loudness on.
Loudness level (e.g., **Mid**) appears in the display.
- To turn loudness off, press **MULTI-CONTROL** again.

3 Push MULTI-CONTROL left or right to select a desired level.
Each time **MULTI-CONTROL** is pushed left or right, level is selected in the following order:
Low (low)—**Mid** (mid)—**High** (high)

Using subwoofer output

This unit is equipped with a subwoofer output which can be turned on or off.

1 Use MULTI-CONTROL to select Sub W.1.
- You can also select the subwoofer setting menu by pressing **SW** on the unit.

2 Press MULTI-CONTROL to turn subwoofer output on.
Normal appears in the display. Subwoofer output is now on.
- To turn subwoofer output off, press **MULTI-CONTROL** again.

3 Push MULTI-CONTROL left or right to select the phase of subwoofer output.
Push **MULTI-CONTROL** left to select reverse phase and **Reverse** appears in the display.
Push **MULTI-CONTROL** right to select normal phase and **Normal** appears in the display.

Adjusting subwoofer settings

When the subwoofer output is on, you can adjust the cut-off frequency and the output level of the subwoofer.

1 Use MULTI-CONTROL to select Sub W.2.
- You can also select the subwoofer setting menu by pressing **SW** on the unit.
- When the subwoofer output is on, you can select **Sub W.2**.

2 Push MULTI-CONTROL left or right to select cut-off frequency.
Each time **MULTI-CONTROL** is pushed left or right, cut-off frequencies are selected in the following order:
50Hz—**63Hz**—**80Hz**—**100Hz**—**125Hz**
Only frequencies lower than those in the selected range are outputted from the subwoofer.

3 Push MULTI-CONTROL up or down to adjust the output level of the subwoofer.
Each time **MULTI-CONTROL** is pushed up or down, subwoofer level increases or decreases. **+6** to **–24** is displayed as the level is increased or decreased.

Boosting the bass

Bass boost function boosts the bass level of sound lower than 100 Hz. The more the bass level is increased, the more the bass sound is emphasized and the entire sound becomes powerful. When using this function with the subwoofer, the sound under the cut-off frequency is boosted.

1 Use MULTI-CONTROL to select Bass.
- You can also select the bass boost setting by pressing and holding **SW**.

2 Push MULTI-CONTROL up or down to select a desired level.
0 to **+6** is displayed as the level is increased or decreased.

Using the high pass filter

When you do not want low sounds from the subwoofer output frequency range to play from the front or rear speakers, turn on the HPF (high pass filter). Only frequencies higher than those in the selected range are outputted from the front or rear speakers.

1 Use MULTI-CONTROL to select HPF.

2 Press MULTI-CONTROL to turn high pass filter on.
80Hz appears in the display. High pass filter is now on.
- If the high pass filter has been previously adjusted, the frequency of that previously selected will be displayed instead of **80Hz**.
- To turn high pass filter off, press **MULTI-CONTROL** again.

3 Push MULTI-CONTROL left or right to select cut-off frequency.
Each time **MULTI-CONTROL** is pushed left or right, cut-off frequencies are selected in the following order:
50Hz—**63Hz**—**80Hz**—**100Hz**—**125Hz**
Only frequencies higher than those in the selected range are outputted from the front or rear speakers.

Adjusting source levels

SLA (source level adjustment) lets you adjust the volume level of each source to prevent radical changes in volume when switching between sources.
- Settings are based on the FM tuner volume level, which remains unchanged.

1 Compare the FM tuner volume level with the level of the source you wish to adjust.

2 Use MULTI-CONTROL to select SLA.

3 Push MULTI-CONTROL up or down to adjust the source volume.
Each time **MULTI-CONTROL** is pushed up or down, source volume increases or decreases. **SLA +4** to **SLA –4** is displayed as the source volume is increased or decreased.

Notes
- The AM tuner volume level can also be adjusted with source level adjustments.
- The built-in CD player and the multi-CD player are set to the same source level adjustment volume automatically.
- XM tuner and SIRIUS tuner are set to the same source level adjustment volume automatically.
- External unit 1 and external unit 2 are set to the same source level adjustment volume automatically. ■

Initial Settings

Adjusting initial settings

Using the initial settings, you can customize various system settings to achieve optimal performance from this unit.

① Function display
Shows the function status.

1 Press SOURCE and hold until the unit turns off.

2 Press MULTI-CONTROL and hold until Language select appears in the display.

- You can also perform this operation by pressing and holding **FUNCTION** on the remote control.

3 Turn MULTI-CONTROL to select one of the initial settings.

Turn **MULTI-CONTROL** to switch between the functions in the following order:
Language select (language selection)—**Clock** (clock)—**Warning tone** (warning tone)—**AUX1** (auxiliary input 1)—**AUX2** (auxiliary input 2)—**Dimmer** (dimmer)—**Brightness** (brightness)—**S/W control** (rear output and subwoofer controller)—**Mute** (sound muting/attenuation)—**Demonstration** (feature demo)—**Reverse mode** (reverse mode)—**Ever-scroll** (ever scroll)—**BT AUDIO** (Bluetooth audio)—**Pin code input** (pin code input)
Use the following instructions to operate each particular setting.

- You can also select the function by pressing **FUNCTION** on the remote control.
- **BT AUDIO** and **Pin code input** can be selected only when Bluetooth adapter (e.g., CD-BTB100) is connected to this unit.
- To cancel initial settings, press **BAND**.

Selecting the display language

For your convenience, this unit equips multiple language display. You can select the language best suited to your first language.

1 Use MULTI-CONTROL to select Language select.

2 Press MULTI-CONTROL to select the language.

Each press of **MULTI-CONTROL** selects languages in the following order:
English—**Français**—**Español**

Setting the clock

Use these instructions to set the clock.

1 Use MULTI-CONTROL to select Clock.

2 Push MULTI-CONTROL left or right to select the segment of the clock display you wish to set.

Pushing **MULTI-CONTROL** left or right will select one segment of the clock display:
Hour—Minute
As you select segments of the clock display the segment selected will blink.

3 Push MULTI-CONTROL up or down to put a clock right.

Note

You can match the clock to a time signal by pressing **MULTI-CONTROL**.

- If the minute is **00** to **29**, the minutes are rounded down. (e.g., **10:18** becomes **10:00**.)
- If the minute is **30** to **59**, the minutes are rounded up. (e.g., **10:36** becomes **11:00**.)

Switching the warning tone

If the front panel is not detached from the head unit within four seconds of turning off the ignition, a warning tone will sound. You can turn off the warning tone.

1 Use MULTI-CONTROL to select Warning tone.

2 Press MULTI-CONTROL to turn warning tone on.

- To turn warning tone off, press **MULTI-CONTROL** again.

Switching the auxiliary setting

Auxiliary equipments connected to this unit can be activated individually. Set each AUX source to ON when using. About connecting or using auxiliary equipments, refer to *Using the AUX source* on page 28.

1 Use MULTI-CONTROL to select AUX1/ AUX2.

2 Press MULTI-CONTROL to turn AUX1/ AUX2 on.

- To turn AUX off, press **MULTI-CONTROL** again.

Switching the dimmer setting

To prevent the display from being too bright at night, the display is automatically dimmed when the car's headlights are turned on. You can turn the dimmer on or off.

1 Use MULTI-CONTROL to select Dimmer.

2 Press MULTI-CONTROL to turn dimmer on.

- To turn dimmer off, press **MULTI-CONTROL** again.

Adjusting the brightness

You can adjust the display brightness. Initially this mode is set to **12**.

1 Use MULTI-CONTROL to select Brightness.

2 Push MULTI-CONTROL left or right to adjust the brightness level.

0 to **15** is displayed as the level is increased or decreased.

- When dimmer is functioning, the brightness level can be adjusted **0** to **10**.

Setting the rear output and subwoofer controller

This unit's rear output (rear speaker leads output and RCA rear output) can be used for full-range speaker (**Rear SP :F.Range**) or subwoofer (**Rear SP :S/W**) connection. If you switch the rear output setting to **Rear SP :S/W**, you can connect a rear speaker lead directly to a subwoofer without using an auxiliary amp. Initially, the unit is set for rear full-range speaker connection (**Rear SP :F.Range**).

1 Use MULTI-CONTROL to select S/W control.

2 Press MULTI-CONTROL to switch the rear output setting.

Pressing **MULTI-CONTROL** will switch between **Rear SP :F.Range** (full-range speaker) and **Rear SP :S/W** (subwoofer) and that status will be displayed.

- When no subwoofer is connected to the rear output, select **Rear SP :F.Range**.
- When a subwoofer is connected to the rear output, set for subwoofer **Rear SP :S/W**.

Notes

- Even if you change this setting, there is no output unless you turn the subwoofer output on (refer to *Using subwoofer output* on page 23).
- If you change this setting, subwoofer output in the audio menu return to the factory settings.
- Both rear speaker leads outputs and RCA rear output are switched simultaneously in this setting.

Switching the sound muting/ attenuation

Sound from this system is muted or attenuated automatically when the signal from the equipment with mute function is received.

- The sound is muted or attenuated, **MUTE** or **ATT** are displayed and no audio adjustment is possible.
- Sound from this system returns to normal when the muting or attenuation is canceled.

1 Use MULTI-CONTROL to select Mute.

2 Press MULTI-CONTROL to switch the telephone muting/attenuation.

Pressing **MULTI-CONTROL** will switch between **TEL ATT** (attenuation) and **TEL mute** (muting) and that status will be displayed.

Switching the feature demo

The feature demo automatically starts when power to this unit is turned off while the ignition switch is set to ACC or ON.

1 Use MULTI-CONTROL to select Demonstration.

2 Press MULTI-CONTROL to turn the feature demo on.

- To turn the feature demo off, press **MULTI-CONTROL** again.

Notes

- Remember that if the feature demo continues operating when the car engine is turned off, it may drain battery power.
- You can also turn on or off feature demo by pressing **DISPLAY** while this unit is turned off. For more details, see *Feature demo mode* on page 8.

Switching the reverse mode

If you do not perform an operation within about 30 seconds, screen indications start to reverse, and then continue reversing every 10 seconds.

1 Use MULTI-CONTROL to select Reverse mode.

2 Press MULTI-CONTROL to turn the reverse mode on.

- To turn the reverse mode off, press **MULTI-CONTROL** again.

Note

You can also turn on or off reverse mode by pressing **BAND** while this unit is turned off. For more details, see *Reverse mode* on page 8.

Switching the Ever Scroll

When Ever Scroll is set to ON, text information recorded on CD or iPod scrolls continuously in the display. Set to OFF if you prefer the information to scroll just once.

1 Use MULTI-CONTROL to select Ever-scroll.

2 Press MULTI-CONTROL to turn the Ever Scroll on.

- To turn the Ever Scroll off, press **MULTI-CONTROL** again.

Activating the BT Audio source

You need to activate the **BT Audio** source in order to use a Bluetooth audio player.

- Only when Bluetooth adapter (e.g. CD-BTB100) is connected to this unit, you can operate this function.

1 Use MULTI-CONTROL to select BT AUDIO.

2 Press MULTI-CONTROL to turn the BT Audio source on.

- To turn the **BT Audio** source off, press **MULTI-CONTROL** again.

Entering PIN code for Bluetooth wireless connection

To connect your cellular phone to this unit via Bluetooth wireless technology, you need to enter PIN code on your phone to verify the connection. The default code is **0000**, but you can change this in this function.

- With some Bluetooth audio players, you may be required to enter to this unit in advance PIN code of your Bluetooth audio player, in order to set this unit ready for a connection from your Bluetooth audio player.
- Only when Bluetooth adapter (e.g. CD-BTB100) is connected to this unit, you can operate this function.

1 Use MULTI-CONTROL to select Pin code input.

2 Push MULTI-CONTROL up or down to select a number.

3 Push MULTI-CONTROL left or right to move the cursor to the previous or next position.

4 After inputting PIN code (up to 16 digits), press MULTI-CONTROL.

PIN code you entered is now standby to be stored in memory.

When you press **MULTI-CONTROL** again on the same display, the PIN code you entered is stored in this unit.

▪ Pushing **MULTI-CONTROL** right in the confirmation display returns you to the PIN code input display, and you can change the PIN code.

Other Functions

Using the AUX source

This unit can control up to two auxiliary equipments such as VCR or portable devices (sold separately). When connected, auxiliary equipments are automatically read in as AUX sources and assigned to **AUX1** or **AUX2**. The relationship between **AUX1** and **AUX2** sources is explained below.

About AUX1 and AUX2

You have two methods to connect auxiliary equipments to this unit.

AUX1 source:

When connecting auxiliary equipment using a stereo mini plug cable

- **Insert the stereo mini plug into the input jack on this unit.**

For more details, refer to the installation manual.

The allocation of this auxiliary equipment is automatically set to **AUX1**.

AUX2 source:

When connecting auxiliary equipment using an IP-BUS-RCA Interconnector (sold separately)

- **Use an IP-BUS-RCA Interconnector such as the CD-RB20/CD-RB10 (sold separetely) to connect this unit to auxiliary equipment featuring RCA output.**

For more details, refer to the IP-BUS-RCA Interconnector owner's manual.

The allocation of this auxiliary equipment is automatically set to **AUX2**.

▪ You can only make this type of connection if the auxiliary equipment has RCA outputs.

Selecting AUX as the source

● **Press SOURCE to select AUX as the source.**

■ If the auxiliary setting is not turned on, **AUX** cannot be selected. For more details, see *Switching the auxiliary setting* on page 26.

Setting the AUX title

The title displayed for each **AUX1** or **AUX2** source can be changed.

1 After you have selected AUX as the source, use MULTI-CONTROL and select FUNCTION to display TitleInput "A".

2 Enter a title in the same way as the built-in CD player.

For details concerning operation, refer to *Entering disc titles* on page 16.

Turning the clock display on or off

You can turn the clock display on or off.

- Even when the sources and the feature demo are off, the clock display appears on the display.

● **Press CLOCK to turn the clock display on or off.**

Each press of **CLOCK** turns the clock display on or off.

■ The clock display disappears temporarily when you perform other operations, but the clock display appears again after 4 seconds.

Using different entertainment displays

You can enjoy entertainment displays while listening to each sound source.

1 Press MULTI-CONTROL to display the main menu.

FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select ENTERTAINMENT.

Turn to change the menu option; press to select.

3 Use MULTI-CONTROL to change the display.

Turn to change the menu option; press to select.

BGV-1 (background visual 1)—**BGV-2** (background visual 2)—**BGP-1** (background picture 1)—**BGP-2** (background picture 2)—**BGP-3** (background picture 3)—**BGP-4** (background picture 4)—**SIMPLE-1** (simple display 1)—**SIMPLE-2** (simple display 2)—**LEVEL METER** (level meter)—**VISUALIZER1** (visualizer 1)—**VISUALIZER2** (visualizer 2)—**VISUALIZER3** (visualizer 3)—**SPECTRUM ANALYZER 1** (spectrum analyzer 1)—**SPECTRUM ANALYZER 2** (spectrum analyzer 2)—**MOVIE** (movie)—**ENT CLOCK** (entertainment clock)

■ You can also switch between the display by pressing **ENTERTAINMENT** on the remote control.

■ To return to the playback display, press **BAND**.

Using the PGM button

You can operate the preprogrammed functions for each source by using **PGM** on the remote control.

● **Press PGM to turn pause on when selecting the following sources:**

- **CD** – Built-in CD player
- **iPod** – iPod
- **Multi CD** – Multi-CD player
- **USB** – USB portable audio player/USB memory
- **BT Audio** – Bluetooth audio player
- **DVD** – DVD player/multi-DVD player

■ To turn pause off, press **PGM** again.

● **Press PGM and hold to turn BSM on when selecting tuner as the source.**

Press **PGM** and hold until the BSM turns on.

■ To cancel the storage process, press **PGM** again.

● **Press PGM to select the desired channel select setting when selecting XM or SIRIUS as the source.**
Press **PGM** repeatedly to switch between the following channel select settings:
Channel number (channel number select setting)—**Category** (channel category select setting)

● **Press PGM and hold to turn BSSM on when selecting television as the source.**
Press **PGM** and hold until the BSSM turns on.
■ To cancel the storage process, press **PGM** again. ▣

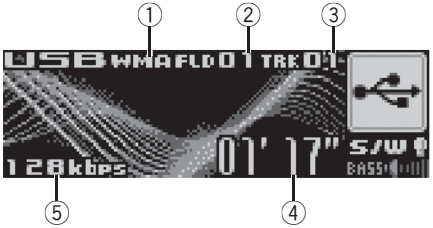
Playing songs on USB portable audio player/USB memory

Basic Operations

You can use this unit to control a USB adapter, which is sold separately.

For details concerning operation, refer to the USB adapter's operation manual. This section provides information on USB portable audio player/USB memory operations with this unit which differs from that described in the USB adapter's operation manual.

- Optimum performance of this unit may not be obtained depending on the connected USB portable audio player/USB memory.



① **WMA/MP3/AAC** indicator
Shows the type of file currently playing.
② Folder number indicator
③ Track number indicator
④ Play time indicator
⑤ Bit rate indicator

1 Press SOURCE to select USB.

2 Push MULTI-CONTROL up or down to select a folder.

- You cannot select a folder that does not have a compressed audio file recorded in it.
- To return to folder 01 (ROOT), press and hold **BAND**. However, if folder 01 (ROOT) contains no files, playback commences with folder 02.

3 To perform fast forward or reverse, push and hold MULTI-CONTROL left or right.

4 To skip back or forward to another compressed audio file, push MULTI-CONTROL left or right.

Selecting an audio file directly in the current folder

The operation is basically the same as that of the built-in CD player.

For details concerning operation, refer to *Selecting a track directly* on page 14.

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.

FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.

Turn to change the menu option; press to select.

The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.

Turn **MULTI-CONTROL** to switch between the functions in the following order:

Play mode (repeat play)—**Random mode** (random play)—**Scan mode** (scan play)—**Pause** (pause)

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the playback display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display is automatically returned to the ordinary display.

Function and operation

Play mode, **Random mode**, **Scan mode** and **Pause** operations are basically the same as that of the built-in CD player.

Function name	Operation
Play mode	Refer to *Selecting a repeat play range* on page 15. But the repeat play ranges you can select are different from that of the built-in CD player. The repeat play ranges of the USB portable audio player/USB memory are as below: • **Track repeat** – Repeat just the current file • **Folder repeat** – Repeat the current folder • **All repeat** – Repeat all files
Random mode	Refer to *Playing tracks in random order* on page 15.
Scan mode	Refer to *Scanning folders and tracks* on page 15.
Pause	Refer to *Pausing disc playback* on page 16.

Notes

- If you select another folder during repeat play, the repeat play range changes to **All repeat**.
- If you perform track search or fast forward/reverse during **Track repeat**, the repeat play range changes to **Folder repeat**.
- When **Folder repeat** is selected, it is not possible to play back a subfolder of that folder.
- After file or folder scanning is finished, normal playback of the files will begin again.

Displaying text information of an audio file

The operation is the same as that of the built-in CD player.
Refer to *Displaying text information on disc* on page 17.

- If the characters recorded on the audio file are not compatible with this unit, those characters will not be displayed.

Selecting files from the file name list

The operation is the same as that of the built-in CD player.
Refer to *Selecting tracks from the file name list* on page 17.

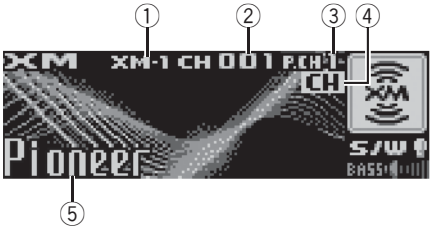
XM tuner

Basic Operations

You can use this unit to control an XM satellite digital tuner (GEX-P920XM), which is sold separately.

For details concerning operation, refer to the XM tuner's operation manuals. This section provides information on XM operations with this unit which differs from that described in the XM tuner's operation manual.

- With this unit, you can operate two additional functions: XM channel direct selection and preset channel list.



① XM band indicator
② XM channel number indicator
③ XM preset number indicator
④ XM channel select setting indicator
Shows what channel select setting has been selected. **CH** is displayed when **Channel number** is selected, and **CAT** is displayed when **Category** is selected.
⑤ XM text information
Shows the text information of broadcast channel.

1 Press SOURCE to select the XM.

2 Press BAND to select an XM band.

Press **BAND** until the desired XM band is displayed, **XM-1**, **XM-2** or **XM-3**.

3 To perform tuning, push MULTI-CONTROL left or right.

The channels move up or down step by step. Channels that cannot currently be selected are skipped, and the next channel is selected.

- If you push and hold **MULTI-CONTROL** left or right, you can increase or decrease channel number continuously.
- You can also perform tuning from a desired channel category. (Refer to *Selecting a channel in the channel category* on the next page.)

Selecting an XM channel directly

When using the remote control, you can select the XM channel directly by entering the desired channel number.

1 Press DIRECT.

Channel number input display appears.

2 Press 0 to 9 buttons to enter the desired channel number.

- You can cancel the input number by pressing **CLEAR**.

3 Press DIRECT.

The XM channel of entered number is selected.

- After entering the number input mode, if you do not perform an operation within about eight seconds, the mode is automatically canceled.

Switching the XM display

- **Press DISPLAY to switch the XM display.**

Text information (channel name)—Artist name and text information—Song title and text information—Category name and text information

Storing and recalling broadcast stations

You can easily store up to six broadcast stations for later recall.

- Up to 18 stations, six for each of three XM bands can be stored in memory.

1 When you find a station that you want to store in memory press LIST.

2 Use MULTI-CONTROL to store the selected station in memory.
Turn to change the preset number; press and hold to store.
The XM preset number you have selected will flash and then remain lit. The selected station has been stored in memory.

3 Use MULTI-CONTROL to select the desired station.
Turn to change the station; press to select.
- You can also change the station by pushing **MULTI-CONTROL** up or down.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

Using the remote control

● **When you find a station that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the XM preset number stops flashing.**
The number you have pressed will flash in the XM preset number indicator and then remain lit. The selected station has been stored in memory.
The next time you press the same preset tuning button the station is recalled from memory.
- You can also recall stations assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down.

Selecting a channel in the channel category

You have two methods for selecting a channel: by number and by category. Selecting **Category** enables you to narrow your search down to only channels in a particular category.

1 Press and hold CLOCK to switch to Category (channel category select setting).
CAT appears in the display.
- To return to **Channel number** (channel number select setting), press and hold **CLOCK** again.

2 Push MULTI-CONTROL up or down to select the desired channel category.

3 Push MULTI-CONTROL left or right to select the desired channel in the selected channel category.

Note
You can also select the XM channel select setting in the menu that appears by using **MULTI-CONTROL**.

Displaying the Radio ID

Channel number select setting

If you select **CH 000**, the ID code is displayed.

● **Push MULTI-CONTROL left or right to select CH 000.**

Channel category select setting

RADIO ID is provided as a channel category for displaying the ID code.

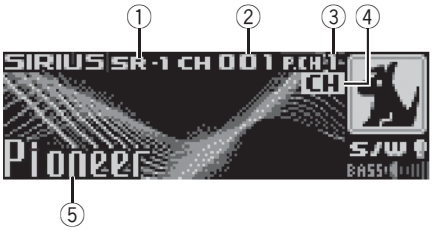
● **Push MULTI-CONTROL up or down to select RADIO ID from channel category.**
- If you select another channel, display of the ID code is canceled.
- Display of the ID code repeats displaying **RADIO ID** and the ID code one after the other.

SIRIUS Satellite Radio tuner

Basic Operations

You can use this unit to control a SIRIUS Satellite Radio tuner, which is sold separately.
When the SIRIUS tuner is used together with this unit, some operations differ slightly from those described in the SIRIUS operation manual. This manual provides information on these points. For all other information on using the SIRIUS tuner, please refer to the SIRIUS operation manual.

- With this unit, you can operate one additional function: SIRIUS channel direct selection. Refer to *Selecting a SIRIUS channel directly* on this page.



① SIRIUS band indicator
② SIRIUS channel number indicator
③ SIRIUS preset number indicator
④ SIRIUS channel select setting indicator
Shows what channel select setting has been selected. **CH** is displayed when **Channel number** is selected, and **CAT** is displayed when **Category** is selected.
⑤ SIRIUS channel name
Shows the channel name of broadcast channel.

1 Press SOURCE to select SIRIUS.

2 Press BAND to select a SIRIUS band.
Press **BAND** until the desired SIRIUS band is displayed, **SR-1**, **SR-2** or **SR-3**.

3 To perform tuning, push MULTI-CONTROL left or right.
The channels move up or down step by step. Channels that cannot currently be selected are skipped, and the next channel is selected.

- If you push and hold **MULTI-CONTROL** left or right, you can increase or decrease channel number continuously.
- You can also perform tuning from a desired channel category. (Refer to *Selecting a channel in the channel category* on the next page.)

Note

It may take a few seconds before you can hear anything while this unit acquires and processes the satellite signal when you change the source to SIRIUS tuner or select a channel.

Selecting a SIRIUS channel directly

When using the remote control, you can select the SIRIUS channel directly by entering the desired channel number.

1 Press DIRECT.
Channel number input display appears.

2 Press 0 to 9 buttons to enter the desired channel number.

- You can cancel the input number by pressing **CLEAR**.

3 Press DIRECT.
The SIRIUS channel of entered number is selected.

- After entering the number input mode, if you do not perform an operation within about eight seconds, the mode is automatically canceled.

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.
Turn to change the menu option; press to select.
The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.
Turn **MULTI-CONTROL** to switch between the functions in the following order:
Channel mode (channel select mode setting)—**Team setting** (team setting)—**Game info** (game info)

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the channel display, press **BAND**.
- If you do not operate functions within about 30 seconds, the display is automatically returned to the ordinary display.

Switching the SIRIUS display

● **Press DISPLAY to switch the SIRIUS display.**
Channel number—Channel name—Category name—Artist name—Song title/program title—Composer name

Switching the scroll setting

You can select the scroll setting, one is the continuous scroll, the other is one-time scroll.

● **Press and hold DISPLAY to select the scroll setting.**
Press and hold **DISPLAY** selects scroll setting in the following order:
Continuous scroll setting—One-time scroll setting

Storing and recalling broadcast stations

You can easily store up to six broadcast stations for later recall.

- Only the remote control can operate this function.
- Up to 18 stations, six for each of three SIRIUS bands can be stored in memory.

● **When you find a station that you want to store in memory press one of preset tuning buttons 1 to 6 and hold until the SIRIUS preset number stops flashing.**
The number you have pressed will flash in the SIRIUS preset number indicator and then remain lit. The selected station has been stored in memory.
The next time you press the same preset tuning button the station is recalled from memory.

- You can also recall stations assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down.

Selecting a channel in the channel category

You have two methods for selecting a channel: by number and by category. Selecting **Category** enables you to narrow your search down to only channels in a particular category.

1 Press and hold CLOCK to switch to Category (channel category select setting).
CAT appears in the display.

- To return to **Channel number** (channel number select setting), press and hold **CLOCK** again.

2 Push MULTI-CONTROL up or down to select the desired channel category.

3 Push MULTI-CONTROL left or right to select the desired channel in the selected channel category.

Note
You can also select the SIRIUS channel select setting in the menu that appears by using **MULTI-CONTROL**.

Using the Game Alert function

Only when SIR-PNR2/SIR-PNR2C is connected to this unit, you can operate this function.
This unit can alert you when games involving your favorite teams are about to start. To use this function you need in advance to set up a game alert for the teams.

Selecting teams for Game Alert

1 Use MULTI-CONTROL to select Team setting in the function menu.

2 Push MULTI-CONTROL left or right to select a desired league.
League names are switched in the display.

3 Push MULTI-CONTROL up or down to select a desired team.
Teams in the selected category are switched in the display.

4 Press MULTI-CONTROL to store the selected team in memory.
ON is displayed with the selected team, and the Game Alert function will start on that team.

- To turn the Game Alert off of the selected team, press **MULTI-CONTROL** again.
- When you have already made 12 team selections, **FULL** is displayed and additional team selection is not possible. In this case, first delete the team selection and then try again.

5 Repeat these steps for selecting other teams.
Up to 12 teams can be selected.

Switching the Game Alert on or off

Once you made team selections, you need to turn the Game Alert function on.

- The Game Alert function is on at the default setting.

1 Use MULTI-CONTROL to select Team setting in the function menu.

2 Press and hold MULTI-CONTROL to turn the Game Alert on.
The Game Alert function is now on.

- To turn the Game Alert function off, press and hold **MULTI-CONTROL** again.

When the game of the selected team starts

When a game of the selected team is about to start (or is currently playing) on a different station, **Game alert info** is displayed. Press and hold **MULTI-CONTROL** to switch to that station, and you can listen to that game.

- If you do not operate the function within about 10 seconds, the display is automatically returned.

Displaying game information

If games of your selected teams are currently playing, you can display information of the games and tune to the broadcast channel. You can display information of the games while enjoying the sound from currently tuning station. You can also tune to the broadcast channel when you wish to.

1 Use MULTI-CONTROL to select Game info in the function menu.
The game information of your selected team is displayed.

2 Push MULTI-CONTROL up or down to select a game.
The game is displayed, followed by more detailed game information.

- Game score will be updated automatically.

3 Press and hold MULTI-CONTROL to switch to that station to listen to the game.

Notes

- If you have not made any team selections, **NOT SET** is displayed.
- When games involving your favorite teams are not currently playing, **NO GAME** is displayed.

Displaying the Radio ID

If you select **CH 000**, the ID code is displayed.

- **Push MULTI-CONTROL left or right to select CH 000.**

Bluetooth Audio

Basic Operations

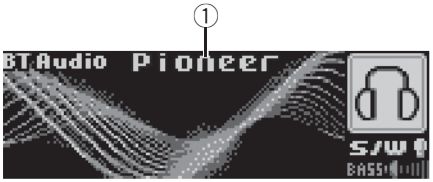
If you connect Bluetooth adapter (e.g. CD-BTB100) to this unit, you can control Bluetooth audio player via Bluetooth wireless technology.

Important

- Depending on the Bluetooth audio player connected to this unit, the available operations with this unit are limited to the following two levels:
  - Lower level: Only playing back songs on your audio player is possible.
  - Higher level: Playing back, pausing, selecting songs, etc., are possible (all the operations illustrated in this manual).
- Since there are a number of Bluetooth audio players available on the market, operations with your Bluetooth audio player using this unit vary in great range. Please refer to the instruction manual that came with your Bluetooth audio player as well as this manual while operating your player on this unit.
- Information about songs (e.g. the elapsed playing time, song title, song index, etc.) cannot be displayed on this unit.
- While you are listening to songs on your Bluetooth audio player, please refrain from operating on your cellular phone as much as possible. If you try operating on your cellular phone, the signal from your cellular phone may cause a noise on the song playback.
- When you are talking on the cellular phone connected to this unit via Bluetooth wireless technology, the song playback from your Bluetooth audio player connected to this unit is muted.
- Even if while you are listening to song on your Bluetooth audio player you switch to another source, the playback of song continues to elapse.

For details concerning operation, refer to the Bluetooth adapter's operation manual. This section provides brief information on Bluetooth audio player operations with this unit which slightly differes or is cut short from that described in the Bluetooth adapter's operation manual.

- Even though your audio player does not contain a Bluetooth module, you can still control it from this unit via Bluetooth wireless technology. To control your audio player by using this unit, connect a product featuring Bluetooth wireless technology (available on the market) to your audio player and connect Bluetooth adapter (e.g. CD-BTB100) to this unit.



① Device name
Shows the device name of the connected Bluetooth audio player (or Bluetooth adapter).

1 Press SOURCE to select Bluetooth audio player.

- If you cannot display **BT Audio**, first activate the BT audio source in the initial setting. For detailes, refer to *Activating the* **BT Audio** *source* on page 27.
- For this unit to control your Bluetooth audio player it needs to establish a Bluetooth wireless connection. (Refer to *Connecting a Bluetooth audio player* on this page.)

2 To perform fast forward or reverse, push and hold MULTI-CONTROL left or right.

3 To skip back or forward to another track, push MULTI-CONTROL left or right.

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.
Turn to change the menu option; press to select.
The function name appears in the display.

3 Turn MULTI-CONTROL to select the function.
Turn **MULTI-CONTROL** to switch between the functions in the following order:
Connection open (connection open)—**Disconnect audio** (disconnect audio)—**Play** (Play)—**Stop** (Stop)—**Pause** (pause)—**Device info.** (device information)

- If a Bluetooth audio player is connected via lower level, only **Disconnect audio** and **Device info.** appear in the function menu.
- If a Bluetooth audio player has not been connected to this unit yet, **Connection open** and **Device info.** appear in the function menu and other functions are not available.
- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the playback display, press **BAND**.
- If you do not operate functions except for **Connection open** and **Disconnect audio** within about 30 seconds, the display is automatically returned to the ordinary display.

Connecting a Bluetooth audio player

1 Use MULTI-CONTROL to select Connection open in the function menu.

2 Press MULTI-CONTROL to open the connection.

Always Waiting is displayed. This unit is now on standby for connection from Bluetooth audio player.

If your Bluetooth audio player is set ready for Bluetooth wireless connection, the connection to this unit will be automatically established.

Note

Before you can use audio players you may need to enter the PIN code into this unit. If your player requires a PIN code to establish a connection, look for the code on the player or in its accompanying documentation. Enter the PIN code referring to *Entering PIN code for Bluetooth wireless connection* on page 28.

Playing songs on Bluetooth audio player

1 Use MULTI-CONTROL to select Play in the function menu.

2 Press MULTI-CONTROL to start playback.

Pausing a song

1 Use MULTI-CONTROL to select Pause in the function menu.

2 Press MULTI-CONTROL to turn pause on.

Playback of the current song pauses.

- To turn pause off, press **MULTI-CONTROL** again.

Stopping playback

1 Use MULTI-CONTROL to select Stop in the function menu.

2 Press MULTI-CONTROL to stop the playback.

Playback of the current song stops.

Disconnecting a Bluetooth audio player

1 Use MULTI-CONTROL to select Disconnect audio in the function menu.

2 Press MULTI-CONTROL to disconnect the Bluetooth audio player.

Disconnected is displayed. The Bluetooth audio player is now diconnected from this unit.

Displaying BD (Bluetooth Device) address

1 Use MULTI-CONTROL to select Device info. in the function menu.

The device name (**Pioneer BT Unit**) of this unit appears in the display.

2 Push MULTI-CONTROL left to switch to the BD address.

12-digit hexadecimal string is displayed.

- Pushing **MULTI-CONTROL** right returns to the device name.

Displaying system version for repair

1 Use MULTI-CONTROL to select Device info. in the function menu.

The device name (**Pioneer BT Unit**) of this unit appears in the display.

2 Push MULTI-CONTROL down to switch to the system version of this unit.

The system (microprocessor) version of this unit is displayed.

- Pushing **MULTI-CONTROL** left displays the version of the Bluetooth module of this unit. Pushing **MULTI-CONTROL** right returns to the system version of this unit. ■

Bluetooth Telephone

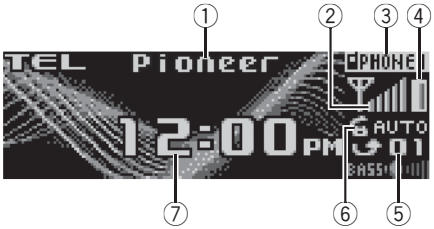
Basic Operations

If you use Bluetooth adapter (e.g. CD-BTB100), you can connect a cellular phone featuring Bluetooth wireless technology to this unit for hands-free, wireless calls, even while driving.

Important

- Since this unit is on standby to connect with your cellular phones via Bluetooth wireless technology, using this unit without running the engine can result in battery drainage.
- Advanced operations that require your attention such as dialing numbers on the monitor, using phone book, etc., are prohibited while you are driving. When you need to use these advanced operations, stop your vehicle in a safe place and operate.

For details concerning operation, refer to the Bluetooth adapter's operation manual. This section provides brief information on the hands-free phoning operations with this unit which slightly differes or is cut short from that described in the Bluetooth adapter's operation manual.



① Device name
Shows the device name of the cellular phone.
② Signal level indicator
Shows the signal strength of cellular phone.
- Signal level indicator may differ from the actual signal level.

③ User number indicator
Shows the registration number of the cellular phone.
④ Battery strength indicator
Shows the battery strength of cellular phone.
- Battery strength indicator may differ from the actual battery strength.
- If the battery strength is not available, nothing is displayed in the battery strength indicator area.

⑤ Incoming call notice indication
Shows when an incoming call has been received and not checked yet.
- Incoming call notice is not displayed for calls made when your cellular phone is disconnected from this unit.

⑥ Automatic answering/Automatic rejecting indicator
Shows **AUTO** when the automatic answering function is on (for more details, refer to *Setting the automatic answering* on page 49).
Shows **REFUSE** when the automatic rejecting function is on (for more details, refer to *Setting the automatic rejecting* on page 49).
⑦ Clock display
Shows the time (if connected with a phone).

- **Press SOURCE to select the telephone.**

Note

Equalizer curve for the phone source is fixed. When selecting the phone source, you cannot operate the equalizer function. Refer to *Recalling equalizer curves* on page 21.

Setting up for hands-free phoning

Before you can use the hands-free phoning function you will need to set up the unit for use with your cellular phone. This entails establishing a Bluetooth wireless connection between this unit and your phone, registering your phone with this unit, and adjusting the volume level.

1 Connection

For detailed instructions on connecting your phone to this unit via Bluetooth wireless technology, refer to *Connecting a cellular phone* on page 43.

- Your phone should now be temporarily connected; however, to make best use of the technology, we recommend you register the phone to this unit.

2 Registration
Refer to *Registering connected cellular phone* on page 44 for instructions on how to register your temporarily connected phone.

3 Volume adjustment
Adjust the earpiece volume on your cellular phone for comfort. When adjusted, the volume level is memorized in this unit as the default setting.
- Caller's voice volume and ring volume may vary depending on the type of cellular phones.
- If the difference between the ring volume and caller's voice volume is big, overall volume level may become unstable.
- Before disconnecting cellular phone from this unit, make sure to adjust the volume to proper level. If the volume has been muted (zero level) on your cellular phone, the volume level of your cellular phone remains muted even after the cellular phone is disconnected from this unit.

Making a phone call

Voice recognition

1 Press BAND and hold until Voice dial appears in the display.
Voice dial appears in the display. When **Voice dial ON** is displayed, voice recognition function is now ready.
- If your cellular phone does not feature voice recognition function, **No voice dial** appears in the display and opearation is not available.

2 Pronounce the name of your contact.

Taking a phone call

Answering an incoming call

1 When a call comes in, push MULTI-CONTROL up.
- If the private mode is selected on the cellular phone, hands-free phoning may not be performed.

2 To end the call, push MULTI-CONTROL down.
The estimated call time appears in the display (this may differ slightly from the actual call time).

Rejecting an incoming call

- **When a call comes in, push MULTI-CONTROL down.**

The call is rejected.

Answering a call waiting

1 Push MULTI-CONTROL up to answer a call waiting.
- Pushing **MULTI-CONTROL** up switches between callers on hold.

2 Push MULTI-CONTROL down to end all calls.
Pushing **MULTI-CONTROL** down ends all calls including a call waiting on line.
- The caller you have been talking to is now on hold. To end the call, both you and your caller need to hang up the phone.
- While your callers hold the line, pushing **MULTI-CONTROL** up switches between callers.

Rejecting a call waiting

- **Push MULTI-CONTROL down to reject a call waiting.**

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.
Turn to change the menu option; press to select.
Function names for hands-free phoning appear on the display.

3 Turn MULTI-CONTROL to change functions.
Turn **MULTI-CONTROL** to switch between the functions.
Function names that appear in the display are different depending on your cellular phone's connection and registration status.
If not connected yet
Search&Connect (search and connect)—**Connection open** (connection open)—**Connect phone** (connect phone)—**Delete phone** (delete phone)—**PH.B.Transfer** (phone book transfer)—**Refuse calls** (automatic reject setting)—**Auto answer** (automatic answer setting)—**Ring tone** (ring tone select)—**Auto connect** (automatic connection setting)—**Echo cancel** (echo cancel)—**Device info.** (device information)
If connected but not registered yet
Disconnect phone (disconnect phone)—**Set phone** (registering phone)—**Delete phone** (delete phone)—**PH.B.Transfer** (phone book transfer)—**Number dial** (call by entering number)—**Refuse calls** (automatic reject setting)—**Auto answer** (automatic answer setting)—**Ring tone** (ring tone select)—**Auto connect** (automatic connection setting)—**Echo cancel** (echo cancel)—**Device info.** (device information)
If already connected and registered
Disconnect phone (disconnect phone)—**Delete phone** (delete phone)—**PH.B.Transfer** (phone book transfer)—**PH.B.Name view** (phone book name view)—**Clear memory** (clear memory)—**Number dial** (call by entering number)—**Refuse calls** (automatic reject setting)—**Auto answer** (automatic answer setting)—**Ring tone** (ring tone select)—**Auto connect** (automatic connection setting)—**Echo cancel** (echo cancel)—**Device info.** (device information)

- You can also select the function by pressing **FUNCTION** on the remote control.
- **PH.B.Name view** (phone book name view) cannot be selected for cellular phone registered guest phone.
- If cellular phone is connected to this unit via Bluetooth wireless technology with HSP (Head Set Profile), **PH.B.Name view**, **Clear memory**, **Number dial** and **Refuse calls** cannot be selected.
- To return to the playback display, press **BAND**.
- If you do not operate functions except for **Search&Connect**, **Connection open**, **Connect phone**, **PH.B.Transfer**, **Disconnect phone**, **Number dial** and **Clear memory** within about 30 seconds, the display is automatically returned to the ordinary display.

Connecting a cellular phone

Searching for available cellular phones

1 Use MULTI-CONTROL to select Search&Connect in the function menu.

2 Press MULTI-CONTROL to search for available cellular phones.
While searching, **Searching** flashes. When available cellular phones featuring Bluetooth wireless technology are found, device names or **Name not found** (if names cannot be obtained) are displayed.
- If this unit fails to find any available cellular phones, **Not found** is displayed.

3 Push MULTI-CONTROL up or down to select a device name you want to connect.

4 Press MULTI-CONTROL to connect the selected cellular phone.
While connecting, **Connecting** flashes. To complete the connection, please check the device name (**Pioneer BT Unit**) and enter the link code on your cellular phone. If the connection is established, **Connected** is displayed.
- The link code is set to **0000** as default. You can change this code in the initial setting. Refer to *Entering PIN code for Bluetooth wireless connection* on page 28.

Using a cellular phone to initiate a connection

1 Use MULTI-CONTROL to select Connection open in the function menu.

2 Press MULTI-CONTROL to open the connection.
Always waiting is displayed and the unit is now on standby for connection from cellular phone.

3 Use cellular phone to connect to this unit.
- The link code is set to **0000** as default. You can change this code in the initial setting. Refer to *Entering PIN code for Bluetooth wireless connection* on page 28.

Disconnecting a cellular phone

1 Use MULTI-CONTROL to select Disconnect phone in the function menu.
Device name of the connected phone appears in the display.

2 Press MULTI-CONTROL to disconnect a cellular phone from this unit.
After the disconnection is completed, **Disconnected** is displayed.

Registering connected cellular phone

1 Use MULTI-CONTROL to select Set phone in the function menu.

2 Push MULTI-CONTROL up or down to select a registration assignment.
P1 (user phone 1)—**P2** (user phone 2)—**P3** (user phone 3)—**G1** (guest phone 1)—**G2** (guest phone 2)
- As you select each assignment, you can see whether or not a phone is already registered there. If the assignment is empty, **No data** is displayed. If the assignment is already taken, the device name appears. To replace an assignment with a new phone, first delete the current assignment. For more detailed instructions, see *Deleting a registered phone* on this page.

3 Press MULTI-CONTROL to register the currenctly connected phone.
When the registration is completed, **Reg. Completed** is displayed.
- If the registration failed, **Reg. ERROR** is displayed. In this case, return to step 1 and try again.

Deleting a registered phone

1 Use MULTI-CONTROL to select Delete phone in the function menu.

2 Push MULTI-CONTROL up or down to select a registration assignment.
P1 (user phone 1)—**P2** (user phone 2)—**P3** (user phone 3)—**G1** (guest phone 1)—**G2** (guest phone 2)
- If the assignment is empty, **No data** is displayed and the operation is not possible.
- If you need to know the BD (Bluetooth Device) address of the phone, push **MULTI-CONTROL** left here.

3 Push MULTI-CONTROL right to select Delete YES.
Delete YES is displayed. Deleting phone is now on standby.

4 Press MULTI-CONTROL to delete the phone.
After the phone is deleted, **Deleted** is displayed.

Connecting to a registered cellular phone

Connecting to a registered phone manually

1 Use MULTI-CONTROL to select Connect phone in the function menu.

2 Push MULTI-CONTROL up or down to select a registration assignment.
P1 (user phone 1)—**P2** (user phone 2)—**P3** (user phone 3)—**G1** (guest phone 1)—**G2** (guest phone 2)
- If the assignment is empty, **No data** is displayed and the operation is not possible.

3 Press MULTI-CONTROL to connect the selected cellular phone.
While connecting, **Connecting** is displayed. After the connection is completed, **Connected** is displayed.

Connecting to a registered phone automatically

1 Use MULTI-CONTROL to select Auto connect in the function menu.

2 Press MULTI-CONTROL to turn automatic connection on.
If your cellular phone is set ready for Bluetooth wireless connection, the connection to this unit will be automatically established.
- To turn automatic connection off, press **MULTI-CONTROL** again.

Using the Phone Book

Transferring entries to the Phone Book

The Phone Book can hold a total of 500 entries; 300 from User 1, 150 from User 2, and 50 from User 3.

1 Use MULTI-CONTROL to select PH.B.Transfer in the function menu.

2 Press MULTI-CONTROL to enter in the phone book transfer standby mode.
Transfer appears in the display.

3 Use cellular phone to perform phone book transfer.
Perform phone book transfer using the cellular phone. For detailed instruction on this, refer to the instruction manual that came with your cellular phone.
- The display indicates how many entries have been transferred and the total number to be transferred.

4 Data transferred is displayed and phone book transfer is completed.

Changing the Phone Book display order

1 Use MULTI-CONTROL to select PH.B.Name view in the function menu.
Invert names YES appears in the display.

2 Press MULTI-CONTROL to change the name view order.
Inverted is displayed and the name view order is changed.
Pressing **MULTI-CONTROL** repeatedly changes the name view order between first name and last name.

Calling a number in the Phone Book

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

After finding the number in the Phone Book you want to call, you can select the entry and make the call.

1 Press LIST to display the Phone Book.

2 Push MULTI-CONTROL left or right to select the first letter of the name you are looking for.

3 Press MULTI-CONTROL to display entries.
The display shows the first three Phone Book entries starting with that letter (e.g. “Ben”, “Brian” and “Burt” when “B” is selected).

4 Push MULTI-CONTROL up or down to select a Phone Book entry you want to call.

5 Push MULTI-CONTROL right to display the detailed list of the selected entry.
The phone number, name and genre (if assigned) of entries are displayed in the detailed list.
- You can scroll the name and phone number by holding **DISPLAY**.
- If several phone numbers are entered to an entry, select one by turning **MULTI-CONTROL**.
- If you want to go back and select another entry, push **MULTI-CONTROL** left.

6 Press MULTI-CONTROL to make a call.

7 To end the call, push MULTI-CONTROL down.

Editing the name of a Phone Book entry

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

You can edit the names of Phone Book entries. Each name can be up to 16 characters long.

1 Display the detailed list of your desired Phone Book entry.
See step 1 to 5 on *Calling a number in the Phone Book* on the previous page for how to do this.

2 Press and hold MULTI-CONTROL to display the name input screen.
Edit name is displayed.

3 Press DISPLAY to select the desired character type.
Each press of **DISPLAY** switches the character types in the following order:
Alphabet (upper case), numbers and symbols —alphabet (lower case)—numbers and symbols—European characters, such as those with accents (e.g., **á**, **à**, **ä**, **ç**) or Russian characters
- Pressing and holding **DISPLAY** enables you to switch character set between ISO8859-1 (European characters) and ISO8859-5 (Russian characters) alternately.
- European characters and Russian characters can’t be mixed.

4 Push MULTI-CONTROL up or down to select a letter.
- To delete a character and leave a space, select “_” (underbar).

5 Push MULTI-CONTROL left or right to move the cursor to the previous or next character position.

6 Press MULTI-CONTROL to store the new name.

Editing phone numbers

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

You can edit the numbers of Phone Book entries. Each phone number can be up to 24 digits long.

1 Display the detailed list of your desired Phone Book entry.
See step 1 to 5 on *Calling a number in the Phone Book* on the previous page for how to do this.

2 Press and hold MULTI-CONTROL to display the name input screen.
Edit name is displayed.

3 Turn MULTI-CONTROL to switch to the number input screen.
Edit name (name input screen)—
Edit number (number input screen)—
Clear memory (clear memory screen)

4 Push MULTI-CONTROL left or right to move the cursor to the number you want to change.

5 Push MULTI-CONTROL up or down to change numbers.
Repeat these steps until you have finished changing.

6 Press MULTI-CONTROL to store the new number.

Clearing a Phone Book entry

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

1 Display the detailed list of your desired Phone Book entry.
See step 1 to 5 on *Calling a number in the Phone Book* on page 45 for how to do this.

2 Press and hold MULTI-CONTROL to display the name input screen.
Edit name is displayed.

3 Turn MULTI-CONTROL to switch to the clear memory screen.
Edit name (name input screen)—
Edit number (number input screen)—
Clear memory (clear memory screen)

4 Push MULTI-CONTROL right to show a confirmation display.
Clear memory YES is displayed.
- If you do not want to clear memory that you have selected, push **MULTI-CONTROL** left. The display reverts.

5 Press MULTI-CONTROL to delete the Phone Book entry.
Cleared is displayed.
The Phone Book entry is deleted. The display returns to Phone Book entry list.

Using the Call History

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

The 12 most recent calls made (dialled), received and missed, are stored in the Call History. You can browse the Call History and call numbers from it.

1 Press LIST to display the list.
Press **LIST** repeatedly to switch between the following lists:
Phone book—Missed call—Dialled call—Received call
- About the Phone Book list, refer to *Using the Phone Book* on page 45.
- If no phone numbers have been stored in the selected list, **No data** is displayed.

2 Turn MULTI-CONTROL to select a phone number.
Turning **MULTI-CONTROL** to change the phone numbers stored in the list.
- If the number is already in the Phone Book the name is displayed.
- You can also change the phone number by pushing **MULTI-CONTROL** up or down.

3 Push MULTI-CONTROL right to display the detailed list.
Name and phone number are displayed in the detailed list.
- If the number is already in the Phone Book then the name is also displayed.
- Turning **MULTI-CONTROL** switches to the previous or next phone number diplayed in the detailed list.
- If you do not operate anything within about 30 seconds, the list display is canceled automatically.

4 Press MULTI-CONTROL to make a call.
- For an international call, press and hold **MULTI-CONTROL** to add **+** to the phone number.

5 To end the call, push MULTI-CONTROL down.

Using preset numbers

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

Numbers that you dial frequently can be assigned to presets for quick recall.

1 Select a desired phone number from the Phone Book or the Call History. Or directly enter a desired phone number.
To select a desired phone number from the Phone Book or the Call History, see the instructions explained in previous pages. To directly enter a desired phone number, see *Making a call by entering phone number* on this page.

2 Press and hold one of 1 to 6 on the remote control to store the phone number.
The selected phone number has been stored in memory. The next time you press the same preset button, the phone number is recalled from memory.

Making a call by entering phone number

Important

You are required to park your vehicle and set the parking brake in order to perform this operation.

1 Use MULTI-CONTROL to select Number dial in the function menu.
- You can also enter in this menu from the standby display by pressing **DIRECT** on the remote control.

2 Push MULTI-CONTROL up or down to select a number.
- You can also input numbers by pressing **0** to **9** on the remote control.

3 Push MULTI-CONTROL left or right to move the cursor to the previous or next position.
- Up to 24 digits can be entered.

4 When you completed entering the number, press MULTI-CONTROL.
Call confirmation appears.

5 Press MULTI-CONTROL again to make a call.

6 To end the call, push MULTI-CONTROL down.

Clearing memory

1 Use MULTI-CONTROL to select Clear memory in the function menu.

2 Push MULTI-CONTROL up or down to select an item.
Each time **MULTI-CONTROL** is pushed up or down, the items are switched in the following order:
Phone book (phone book)—**Missed calls** (missed call history)—**Dialled calls** (dialled call history)—**Received calls** (received call history)—**Dial preset** (preset phone numbers)—**All clear** (delete all memory)
- If you want to clear all the Phone Book, dialled/received/missed call history list and preset phone number, select **All clear**.
- If guest phone is connected to this unit via Bluetooth wireless technology, **Phone book** cannot be selected.

3 Push MULTI-CONTROL right to determine the item that you want to delete from this unit.
Clear memory YES is displayed. Clearing memory is now on standby.
- If you do not want to clear memory that you have selected, push **MULTI-CONTROL** left. The display reverts.

4 Press MULTI-CONTROL to clear the memory.
Cleared is displayed and data on the selected item is cleared from this unit's memory.

Setting the automatic rejecting

1 Use MULTI-CONTROL to select Refuse calls in the function menu.

2 Press MULTI-CONTROL to turn automatic call rejection on.

- To turn automatic call rejection off, press **MULTI-CONTROL** again.

Setting the automatic answering

1 Use MULTI-CONTROL to select Auto answer in the function menu.

2 Press MULTI-CONTROL to turn automatic answering on.

- To turn automatic answering function off, press **MULTI-CONTROL** again.

Switching the ring tone

1 Use MULTI-CONTROL to select Ring tone in the function menu.

2 Press MULTI-CONTROL to turn the ring tone on.

- To turn the ring tone off, press **MULTI-CONTROL** again.

Echo canceling and noise reduction

1 Use MULTI-CONTROL to select Echo cancel in the function menu.

2 Press MULTI-CONTROL to turn echo canceling on.

- To turn echo canceling off, press **MULTI-CONTROL** again.

Displaying BD (Bluetooth Device) address

1 Use MULTI-CONTROL to select Device info. in the function menu.

The device name (**Pioneer BT Unit**) of this unit appears in the display.

2 Push MULTI-CONTROL left to switch to the BD address.

12-digit hexadecimal string is displayed.

- Pushing **MULTI-CONTROL** right returns to the device name.

Displaying system version for repair

1 Use MULTI-CONTROL to select Device info. in the function menu.

The device name (**Pioneer BT Unit**) of this unit appears in the display.

2 Push MULTI-CONTROL down to switch to the system version of this unit.

The system (microprocessor) version of this unit is displayed.

- Pushing **MULTI-CONTROL** left displays the version of the Bluetooth module of this unit. Pushing **MULTI-CONTROL** right returns to the system version of this unit.

Multi-CD Player

Basic Operations

You can use this unit to control a multi-CD player, which is sold separately.

- *Only those functions described in this manual are supported by 50-disc multi-CD players.*
- *This unit is not designed to operate disc title list functions with a 50-disc multi-CD player. About the disc title list functions, please refer to Selecting discs from the disc title list on page 53.*

① Disc number indicator
② Track number indicator
③ Play time indicator

1 Press SOURCE to select the multi-CD player.

2 Push MULTI-CONTROL up or down to select a disc you want to listen to.

■ You can also select a disc by using **1** to **6** buttons on the remote control.

- For discs 1 to 6, press the corresponding button number.
- For discs 7 to 12, press and hold the corresponding numbers, such as **1** for disc 7, until the disc number appears in the display.

3 To perform fast forward or reverse, push and hold MULTI-CONTROL left or right.

4 To skip back or forward to another track, push MULTI-CONTROL left or right.

Notes

- When the multi-CD player performs the preparatory operations, **Ready** is displayed.
- If an error message such as **ERROR-11** is displayed, refer to the multi-CD player owner's manual.
- If there are no discs in the multi-CD player magazine, **No Disc** is displayed.

Selecting a track directly

The operation is basically the same as that of the built-in CD player.
For details concerning operation, refer to *Selecting a track directly* on page 14.

Introduction of advanced operations

You can use **Compression** *(compression and DBE) only with a multi-CD player that supports them.*

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.
Turn to change the menu option; press to select.
The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.
Turn **MULTI-CONTROL** to switch between the functions in the following order:
Play mode (repeat play)—**Random mode** (random play)—**Scan mode** (scan play)—**Pause** (pause)—**Compression** (compression and DBE)—**ITS play mode** (ITS play)—**ITS memo** (ITS programming)—**TitleInput "A"** (disc title input)

■ You can also select the function by pressing **FUNCTION** on the remote control.
■ To return to the playback display, press **BAND**.

■ If you do not operate functions except for **ITS memo** and **TitleInput "A"** within about 30 seconds, the display is automatically returned to the ordinary display.

Function and operation

Play mode, **Random mode**, **Scan mode**, **Pause**, **Compression** and **TitleInput "A"** operations are basically the same as that of the built-in CD player.

Function name	Operation
Play mode	Refer to *Selecting a repeat play range* on page 15. But the repeat play ranges you can select are different from that of the built-in CD player. The repeat play ranges of the multi-CD player are as below: • **M-CD repeat** – Repeat all discs in the multi-CD player • **Track repeat** – Repeat just the current track • **Disc repeat** – Repeat the current disc
Random mode	Refer to *Playing tracks in random order* on page 15.
Scan mode	Refer to *Scanning folders and tracks* on page 15.
Pause	Refer to *Pausing disc playback* on page 16.
Compression	Refer to *Using compression and BMX* on page 16. Multi-CD player has DBE (dynamic bass emphasis) function instead of BMX. The settings can be switched as below: **COMP OFF—COMP 1—COMP 2—COMP OFF—DBE 1—DBE 2**
ITS play mode	Refer to *Using ITS playlists* on this page.
ITS memo	Refer to *Using ITS playlists* on this page.
TitleInput "A"	Refer to *Entering disc titles* on page 16.

Notes

- If you select other discs during repeat play, the repeat play range changes to **M-CD repeat**.
- If you perform track search or fast forward/reverse during **Track repeat**, the repeat play range changes to **Disc repeat**.
- After track or disc scanning is finished, normal playback of the tracks will begin again.
- When playing a CD TEXT disc on a CD TEXT compatible multi-CD player, you cannot switch to **TitleInput "A"**. The disc title has already been recorded on a CD TEXT disc.

Using ITS playlists

ITS (instant track selection) lets you make a playlist of favorite tracks from those in the multi-CD player magazine. After you have added your favorite tracks to the playlist you can turn on ITS play and play just those selections.

Creating a playlist with ITS programming

You can use ITS to enter and play back up to 99 tracks per disc from up to 100 discs (with the disc titles). (With multi-CD players sold before the CDX-P1250 and CDX-P650, up to 24 tracks can be stored in the playlist.)

1 Play a CD that you want to program.
Push **MULTI-CONTROL** up or down to select the CD.

2 Use MULTI-CONTROL to select ITS memo in the function menu.

3 Select the desired track by pushing MULTI-CONTROL left or right.

4 Push MULTI-CONTROL up to store the currently playing track in the playlist.
Memory complete is displayed and the currently playing selection is added to your playlist.

5 Press BAND to return to the playback display.

Note

After data for 100 discs has been stored in memory, data for a new disc will overwrite the oldest one.

Playback from your ITS playlist

ITS play lets you listen to the tracks that you have entered into your ITS playlist. When you turn on ITS play, tracks from your ITS playlist in the multi-CD player will begin to play.

1 Select the repeat range.

Refer to *Playing tracks in random order* on page 15.

2 Use MULTI-CONTROL to select ITS play mode in the function menu.

3 Press MULTI-CONTROL to turn ITS play on.

ITS play mode appears in the display. Playback begins of those tracks from your playlist within the previously selected **M-CD repeat** or **Disc repeat** ranges.

- If no tracks in the current range are programmed for ITS play, then **ITS empty** is displayed.
- To turn ITS play off, press **MULTI-CONTROL** again.

Erasing a track from your ITS playlist

You can delete a track from your ITS playlist if ITS play is on.

If ITS play is already on, skip to step 2. If ITS play is not already on, use **MULTI-CONTROL**.

1 Play the CD with the track you want to delete from your ITS playlist, and turn ITS play on.

Refer to *Playback from your ITS playlist* on this page.

2 Use MULTI-CONTROL to select ITS memo in the function menu.

3 Select the desired track by pushing MULTI-CONTROL left or right.

4 Push MULTI-CONTROL down to erase the track from your ITS playlist.

The currently playing selection is erased from your ITS playlist and playback of the next track from your ITS playlist begins.

- If there are no tracks from your playlist in the current range, **ITS empty** is displayed and normal play resumes.

5 Press BAND to return to the playback display.

Erasing a CD from your ITS playlist

You can delete all tracks of a CD from your ITS playlist if ITS play is off.

1 Play the CD that you want to delete.

Push **MULTI-CONTROL** up or down to select the CD.

2 Use MULTI-CONTROL to select ITS memo in the function menu.

3 Push MULTI-CONTROL down to erase all tracks on the currently playing CD from your ITS playlist.

All tracks on the currently playing CD are erased from your playlist and **Memory deleted** is displayed.

4 Press BAND to return to the playback display.

Using disc title functions

You can input CD titles and display the titles. Then you can easily search for and play a desired disc.

Entering disc titles

Use the disc title input feature to store up to 100 CD titles (with ITS playlist) into the multi-CD player. Each title can be up to 10 characters long.
For details concerning operation, refer to *Entering disc titles* on page 16.

- Titles remain in memory, even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
- After data for 100 discs has been stored in memory, data for a new disc will overwrite the oldest one.

Displaying disc titles

You can display the text information of any disc that has had a disc title entered.
The operation is the same as that of the built-in CD player.
Refer to *Displaying text information on disc* on page 17.

Selecting discs from the disc title list

Disc title list lets you see the list of disc titles that have been entered into the multi-CD player and select one of them to play back.

1 Press LIST to switch to the disc title list mode during the playback display.

2 Use MULTI-CONTROL to select the desired disc title.

Turn to change the disc title; press to play.

- You can also change the disc title by pushing **MULTI-CONTROL** up or down.
- When playing CD TEXT disc, push **MULTI-CONTROL** right to see a list of the tracks in the selected disc. Push **MULTI-CONTROL** left to return to the disc list.
- If no title has been entered for a disc, **No D.Title** will be displayed.
- **No Disc** is displayed next to the disc number when there is no disc in the magazine.

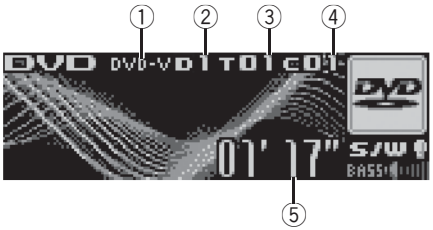
Using CD TEXT functions

You can use these functions only with a CD TEXT compatible multi-CD player.
The operation is the same as that of the built-in CD player.
Refer to *Displaying text information on disc* on page 17.

DVD Player

Basic Operations

You can use this unit to control a DVD player or multi-DVD player, which is sold separately.
For details concerning operation, refer to the DVD player's or multi-DVD player's operation manual. This section provides information on DVD operations with this unit which differs from that described in the DVD player's or multi-DVD player's operation manual.



① **DVD-V**/**VCD**/**CD**/**MP3**/**WMA** indicator
Shows the type of disc currently playing.
② Disc number indicator
Shows the disc number currently playing when using a multi-DVD player.
③ Title/Folder number indicator
Shows the title (when playing DVD video) or folder (when playing compressed audio) of the selection currently playing.
④ Chapter/track number indicator
Shows the chapter (when playing DVD video) or track (when playing video CD, CD or compressed audio) currently playing.
⑤ Play time indicator

1 Press SOURCE to select the DVD player/ multi-DVD player.

2 To perform fast forward or reverse, push and hold MULTI-CONTROL left or right.

3 To skip back or forward to another chapter/track, push MULTI-CONTROL left or right.

Selecting a disc

- You can operate this function only when a multi-DVD player is connected to this unit.

● **Press any of 1 to 6 on the remote control to select the desired disc.**

Selecting a folder

- You can operate this function only when a DVD player which is corresponding to compressed audio playback is connected to this unit.

● **Push MULTI-CONTROL up or down to select a folder.**

Introduction of advanced operations

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL to select FUNCTION.
Turn to change the menu option; press to select.
The function name appears on the display.

3 Turn MULTI-CONTROL to select the function.
Turn **MULTI-CONTROL** to switch between the functions in the following order:
During DVD video or Video CD playback
Play mode (repeat play)—**Pause** (pause)
During CD playback
Play mode (repeat play)—**Random mode** (random play)—**Scan mode** (scan play)—**Pause** (pause)—**ITS play mode** (ITS play)—**ITS memo** (ITS input)—**TitleInput "A"** (disc title input)
During compressed audio playback
Play mode (repeat play)—**Random mode** (random play)—**Scan mode** (scan play)—**Pause** (pause)

- You can also select the function by pressing **FUNCTION** on the remote control.
- To return to the playback display, press **BAND**.

Function and operation

Play mode, **Random mode**, **Scan mode**, **Pause** and **TitleInput "A"** operations are basically the same as that of the built-in CD player. Also, **ITS play mode** and **ITS memo** operations are basically the same as that the multi-CD player.

Function name	Operation
Play mode	Refer to *Selecting a repeat play range* on page 15. But the repeat play range that you can select is vary depending on the type of disc or system. The repeat play ranges of the DVD player/multi-DVD player are as below: During PBC playback of Video CDs, this function cannot be operated. • **Disc repeat** – Repeat the current disc • **Folder repeat** – Repeat the current folder • **Title repeat** – Repeat just the current title • **Chapter repeat** – Repeat just the current chapter • **Track repeat** – Repeat just the current track
Random mode	Refer to *Playing tracks in random order* on page 15.
Scan mode	Refer to *Scanning folders and tracks* on page 15.
Pause	Refer to *Pausing disc playback* on page 16.
ITS play mode	Refer to *Using ITS playlists* on page 51.
ITS memo	Refer to *Using ITS playlists* on page 51.
TitleInput "A"	Refer to *Entering disc titles* on page 16.

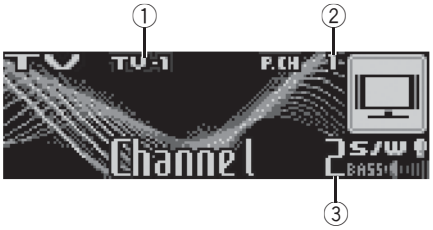
Notes

- If you select other discs during repeat play, the repeat play range changes to **Disc repeat**.
- During video CD or CD playback, if you perform track search or fast forward/reverse during **Track repeat**, the repeat play range changes to **Disc repeat**.
- During compressed audio playback, if you select another folder during repeat play, the repeat play range changes to **Disc repeat**.
- During compressed audio playback, if you perform track search or fast forward/reverse during **Track repeat**, the repeat play range changes to **Folder repeat**.
- When using this unit with multi-DVD player, you can switch to **ITS play mode**, **ITS memo** and disc title input.
- The ITS function of a DVD player differs slightly from ITS playback with a multi-CD player. With multi-DVD player, ITS playback applies only to the CD playing. For details, refer to *Using ITS playlists* on page 51.

TV tuner

Basic Operations

You can use this unit to control a TV tuner, which is sold separately.
For details concerning operation, refer to the TV tuner's operation manual. This section provides information on TV operations with this unit which differs from that described in the TV tuner's operation manual.



① Band indicator
② Preset number indicator
③ Channel indicator

1 Press SOURCE to select the TV.

2 Press BAND to select a band.
Press **BAND** until the desired band is displayed, **TV-1** or **TV-2**.

3 To perform manual tuning, push MULTI-CONTROL left or right.

4 To perform seek tuning, push and hold MULTI-CONTROL left or right for about one second and release.
The tuner will scan the channels until a broadcast strong enough for good reception is found.

- You can cancel seek tuning by pushing **MULTI-CONTROL** left or right.
- If you push and hold **MULTI-CONTROL** left or right, you can skip broadcasting channels. Seek tuning starts as soon as you release **MULTI-CONTROL**.

Storing and recalling broadcast stations

You can easily store up to 12 broadcast stations for later recall.

- Up to 24 stations, 12 for each of two TV bands, can be stored in memory.

1 When you find a station that you want to store in memory press LIST.

2 Use MULTI-CONTROL to store the selected station in memory.
Turn to change the preset number; press and hold to store.
The preset number you have selected will flash and then remain lit. The selected station has been stored in memory.

3 Use MULTI-CONTROL to select the desired station.
Turn to change the station; press to select.

- You can also change the station by pushing **MULTI-CONTROL** up or down.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

Using the remote control

You can also store and recall stations assigned to preset tuning numbers **P.CH1** to **P.CH6** by using the remote control.

- **When you find a station that you want to store in memory, press one of preset tuning buttons 1 to 6 and hold until the preset number stops flashing.**
The number you have pressed will flash in the preset number indicator and then remain lit. The selected station has been stored in memory.
The next time you press the same preset tuning button the station is recalled from memory.

- You can also recall stations assigned to preset tuning numbers by pushing **MULTI-CONTROL** up or down during the channel display.

Storing the strongest broadcast stations sequentially

1 Press MULTI-CONTROL to display the main menu.
FUNCTION, **AUDIO** and **ENTERTAINMENT** appear on the display.

2 Use MULTI-CONTROL and select FUNCTION to display BSSM.
Turn to change the menu option; press to select.
- You can also select the function by pressing **FUNCTION** on the remote control.

3 Press MULTI-CONTROL to turn BSSM on.
Searching is displayed. While **Searching** is displayed, the 12 strongest broadcast stations will be stored in order from the lowest channel up. When finished, the preset channel list appears.
- To cancel the storage process, press **MULTI-CONTROL** again.

4 Use MULTI-CONTROL to select the desired station.
Turn to change the station; press to select.
- You can also change the station by pushing **MULTI-CONTROL** up or down.
- To return to the channel display, press **BAND**.
- If you do not operate the list within about 30 seconds, the display is automatically returned to the ordinary display.

Note

Storing broadcast stations with BSSM may replace broadcast stations you have saved using **P.CH1** to **P.CH12**. ■

Troubleshooting

Symptom	Cause	Action
iPod doesn't operate correctly.	Cables are incorrectly connected.	Disconnect the cable from iPod. Once iPod main menu is displayed, connect the cable again. Reset the iPod.

Understanding error messages

When you contact your dealer or your nearest Pioneer Service Center, be sure to record the error message.

Built-in CD Player

Message	Cause	Action
ERROR-11, 12, 17, 30	Dirty disc	Clean disc.
ERROR-11, 12, 17, 30	Scratched disc	Replace disc.
ERROR-10, 11, 12, 15, 17, 30, A0	Electrical or mechanical	Switch the ignition key, or switch to a different source, then back to the CD player.
ERROR-15	The inserted disc does not contain any data	Replace disc.
ERROR-22, 23	The CD format cannot be played back	Replace disc.
No audio	The inserted disc does not contain any files that can be played back	Replace disc.
PROTECT	All the files on the inserted disc are secured by DRM	Replace disc.
TRK SKIPPED	The inserted disc contains WMA files that are protected by DRM	Replace disc.

iPod

Message	Cause	Action
ERROR-11	Communication failure	Disconnect the cable from iPod. Once iPod main menu is displayed, connect the cable again. Reset the iPod.
ERROR-21	Old version of iPod	Update the iPod version.
ERROR-30	iPod failure	Reset the iPod.
ERROR-A0	iPod is not charged but operates correctly	Check if the connection cable for iPod shorted out (e.g., not caught in metal objects). After checking, switch the ignition key or disconnect the iPod and connect again.
No Songs	No songs	Transfer the songs to iPod.
STOP	No songs in the current list	Select a list that contains the songs.

Handling guideline of discs and player

- Use only discs featuring either of following two logos.

- Use only conventional, fully circular discs. Do not use shaped discs.

- Use 12-cm or 8-cm CD. Do not use an adapter when playing 8-cm CDs.

- Do not insert anything other than a CD into the CD loading slot.
- Do not use cracked, chipped, warped, or otherwise damaged discs as they may damage the player.
- Unfinalized CD-R/CD-RW disc playback is not possible.
- Do not touch the recorded surface of the discs.
- Store discs in their cases when not in use.
- Avoid leaving discs in excessively hot environments including under direct sunlight.
- Do not attach labels, write on or apply chemicals to the surface of the discs.
- To clean a CD, wipe the disc with a soft cloth outward from the center.
- Condensation may temporarily impair the player's performance. Leave it to adjust to the warmer temperature for about one hour. Also, wipe any dump discs with a soft cloth.
- Playback of discs may not be possible because of disc characteristics, disc format, recorded application, playback environment, storage conditions and so on.
- Text information may not be correctly displayed depending on the recorded environment.
- Road shocks may interrupt disc playback.
- Read the precautions with discs before using them.

Dual Discs

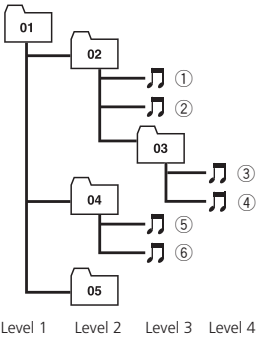
- Dual Discs are two-sided discs that have a recordable CD for audio on one side and a recordable DVD for video on the other.
- Since the CD side of Dual Discs is not physically compatible with the general CD standard, it may not be possible to play the CD side with this unit.
- Frequent loading and ejecting of a Dual Disc may result in scratches on the disc. Serious scratches can lead to playback problems on this unit. In some cases, a Dual Disc may become stuck in the disc loading slot and will not eject. To prevent this, we recommend you refrain from using Dual Disc with this unit.
- Please refer to the information from the disc manufacturer for more detailed information about Dual Discs.

Compressed audio files

- Depending on the version of Windows Media Player used to encode WMA files, album names and other text information may not be correctly displayed.
- Depending on the software (or the version of the software) used to encode the audio files, this unit may not operate properly.
- There may be a slight delay when starting playback of WMA/AAC files encoded with image data.
- ISO 9660 Level 1 and 2 compliant. Romeo and Joliet file systems are both compatible with this player.
- Multi-session playback is possible.
- Compressed audio files are not compatible with packet write data transfer.
- Only 64 characters from the beginning can be displayed as a file name (including the extension such as .wma, .mp3, .m4a or .wav) or a folder name.
- Folder selection sequence or other operation may be altered depending on the encoding or writing software.
- Regardless of the length of blank section between the songs of original recording, compressed audio discs will play with a short pause between songs.
- File extensions such as .wma, .mp3, .m4a or .wav must be used properly.

Example of a hierarchy

: Folder
: Compressed audio file



- This unit assigns folder numbers. The user cannot assign folder numbers.
- Folder hierarchy is allowed up to eight tiers. However, practical hierarchy of folder is less than two tiers.
- Up to 99 folders on a disc can be played back.

Compressed audio compatibility

WMA

- Compatible format: WMA encoded by Windows Media Player Ver. 7, 7.1, 8, 9 or 10
- Bit rate: 48 kbps to 320 kbps (CBR), 48 kbps to 384 kbps (VBR)
- Sampling frequency: 32 kHz to 48 kHz
- Windows Media Audio 9 Professional, Lossless, Voice: No

MP3

- Bit rate: 8 kbps to 320 kbps
- Sampling frequency: 16 kHz to 48 kHz (32, 44.1, 48 kHz for emphasis)
- Compatible ID3 tag version: 1.0, 1.1, 2.2, 2.3, 2.4 (ID3 tag Version 2.x is given priority than Version 1.x.)
- M3u playlist: No
- MP3i (MP3 interactive), mp3 PRO: No

AAC

- Compatible format: AAC encoded by iTunes® version 6.0.5 and earlier
- Sampling frequency: 11.025 kHz to 48 kHz
- Transmission rate: 16 kbps to 320 kbps
- Apple Lossless: No

WAV

- Compatible format: Linear PCM (LPCM), MS ADPCM
- Quantization bits: 8 and 16 (LPCM), 4 (MS ADPCM)
- Sampling frequency: 16 kHz to 48 kHz (LPCM), 22.05 kHz to 44.1 kHz (MS ADPCM) ■

About handling the iPod

CAUTION

- Pioneer accepts no responsibility for data lost on the iPod even if that data is lost while using this unit.
- Do not leave the iPod in direct sunlight for extended amounts of time. Extended exposure to direct sunlight can result in iPod malfunction due to the resulting high temperature.
- Do not leave the iPod in any location with a high temperature.
- Firmly secure the iPod when driving. Do not let the iPod fall onto the floor, where it may become jammed under the brake or accelerator pedal.

For details, refer to the iPod's manuals.

About iPod settings

- You cannot operate the iPod Equalizer on the Pioneer products. We recommend that you set the iPod Equalizer to off, before connecting the iPod to this unit.
- You cannot set Repeat to off on the iPod when using this unit. Even if you set Repeat to off on the iPod, Repeat is changed to All automatically when connecting the iPod to this unit. ■

Specifications

General

Power source ..... 14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system ..... Negative type
Max. current consumption ..... 10.0 A
Dimensions (W × H × D):
DIN
Chassis ..... 178 × 50 × 162 mm (7 × 2 × 6-3/8 in.)
Nose ..... 188 × 58 × 15 mm (7-3/8 × 2-1/4 × 5/8 in.)
D
Chassis ..... 178 × 50 × 162 mm (7 × 2 × 6-3/8 in.)
Nose ..... 170 × 46 × 15 mm (6-3/4 × 1-3/4 × 5/8 in.)
Weight ..... 1.5 kg (3.3 lbs)

Audio

Maximum power output ..... 50 W × 4
50 W × 2/4 Ω + 70 W × 1/2 Ω (for subwoofer)
Continuous power output ... 22 W × 4 (50 Hz to 15 000 Hz, 5% THD, 4 Ω load, both channels driven)
Load impedance ..... 4 Ω to 8 Ω × 4
4 Ω to 8 Ω × 2 + 2 Ω × 1
Preout max output level/output impedance 4 V/100Ω
Equalizer (7-Band Graphic Equalizer):
Frequency ..... 50/125/315/800/2k/5k/12.5k Hz
Gain ..... ±12 dB
Loudness contour:
Low ..... +3.5 dB (100 Hz), +3 dB (10 kHz)
Mid ..... +10 dB (100 Hz), +6.5 dB (10 kHz)
High ..... +11 dB (100 Hz), +11 dB (10 kHz)
(volume: –30 dB)
HPF:
Frequency ..... 50/63/80/100/125 Hz
Slope ..... –12 dB/oct
Subwoofer (mono):
Frequency ..... 50/63/80/100/125 Hz
Slope ..... –18 dB/oct
Gain ..... +6 dB to –24 dB
Phase ..... Normal/Reverse
Bass boost:
Gain ..... +12 dB to 0 dB

CD player

System ..... Compact disc audio system
Usable discs ..... Compact disc
Signal format:
Sampling frequency ..... 44.1 kHz
Number of quantization bits ..... 16; linear
Frequency characteristics ... 5 Hz to 20 000 Hz (±1 dB)
Signal-to-noise ratio ..... 94 dB (1 kHz) (IHF-A network)
Dynamic range ..... 92 dB (1 kHz)
Number of channels ..... 2 (stereo)
MP3 decoding format ..... MPEG-1 & 2 Audio Layer 3
WMA decoding format ..... Ver. 7, 7.1, 8, 9, 10 (2ch audio)
(Windows Media Player)
AAC decoding format ..... MPEG-4 AAC (iTunes® encoded only)
WAV signal format ..... Linear PCM & MS ADPCM

FM tuner

Frequency range ..... 87.9 MHz to 107.9 MHz
Usable sensitivity ..... 8 dBf (0.7 μV/75 Ω, mono, S/N: 30 dB)
Signal-to-noise ratio ..... 75 dB (IHF-A network)
Distortion ..... 0.3 % (at 65 dBf, 1 kHz, stereo)
0.1 % (at 65 dBf, 1 kHz, mono)
Frequency response ..... 30 Hz to 15 000 Hz (±3 dB)
Stereo separation ..... 45 dB (at 65 dBf, 1 kHz)

AM tuner

Frequency range ..... 530 kHz to 1 710 kHz (10 kHz)
Usable sensitivity ..... 18 μV (S/N: 20 dB)
Signal-to-noise ratio ..... 65 dB (IHF-A network)

Note

Specifications and the design are subject to possible modifications without notice due to improvements.

Register your product at
Enregistrez votre produit au

http://www.pioneerelectronics.com

See "Visit our website" page
Voir la page "Visitez notre site Web"

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<KMMZX> <06K00000>

<XRD7142-B/N> UC

Pioneer sound.vision.soul

INSTALLATION MANUAL

DEH-P5900IB

MANUEL D'INSTALLATION

This product conforms to CEMA cord colors.
Le code de couleur des câbles utilisé pour ce produit est conforme à CEMA.

Printed in Thailand
Imprimé en Thaïlande
<XRD7143-A/N> UC <KMMZX> <06J00000>

Note:

- When this unit is installed in a vehicle without ACC (accessory) position on the ignition switch, red cable must be wired to the terminal that can detect the operation of the ignition key. Otherwise, battery drain may result.

ACC position

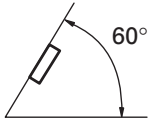
No ACC position

- Use this unit in other than the following conditions could result in fire or malfunction.
  - — Vehicles with a 12-volt battery and negative grounding.
  - — Speakers with 50 W (output value) and 4 ohm to 8 ohm (impedance value).
- To prevent short-circuit, overheating or malfunction, be sure to follow the directions below.
  - — Disconnect the negative terminal of the battery before installation.
  - — Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.
  - — Place all cables away from moving parts, such as gear shift and seat rails.
  - — Place all cables away from hot places, such as near the heater outlet.
  - — Do not pass the yellow cable through a hole into the engine compartment to connect to a battery.
  - — Cover any disconnected cable connectors with insulating tape.
  - — Do not shorten any cables.
  - — Never cut the insulation of the power cable of this unit in order to share the power to other equipment. Current capacity of the cable is limited.
  - — Use a fuse of the rating prescribed.
  - — Never wire the speaker negative cable directly to ground.
  - — Never band together multiple speaker's negative cables.
- Control signal is output through blue/white cable when this unit is powered on. Connect it to an external power amp's system remote control or the vehicle's auto-antenna relay control terminal (max. 300 mA, 12 V DC). If the vehicle is equipped with a glass antenna, connect it to the antenna booster power supply terminal.
- Never connect blue/white cable to external power amp's power terminal. Also, never connect it to the power terminal of the auto antenna. Otherwise, battery drain or malfunction may result.
- IP-BUS connectors are color-coded. Be sure to connect connectors of the same color.
- Black cable is ground. This cable and other product's ground cable (especially, high-current products such as power amp) must be wired separately. Otherwise, fire or malfunction may result if they are accidentally detached.

- Cord function may differ according to the product, even if cord color is the same. When connecting this system, be sure to check all manuals and connect cords correctly.

Note:

- Check all connections and systems before final installation.
- Do not use unauthorized parts. The use of unauthorized parts may cause malfunctions.
- Consult with your dealer if installation requires drilling of holes or other modifications of the vehicle.
- Do not install this unit where:
  - — it may interfere with operation of the vehicle.
  - — it may cause injury to a passenger as a result of a sudden stop.
- The semiconductor laser will be damaged if it overheats. Install this unit away from hot places such as near the heater outlet.
- Optimum performance is obtained when the unit is installed at an angle of less than 60°.

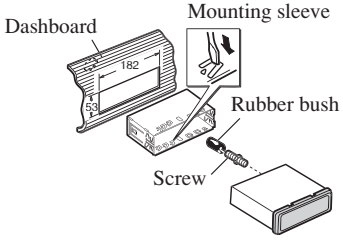


DIN Front/Rear-mount

This unit can be properly installed either from "Front" (conventional DIN Front-mount) or "Rear" (DIN Rear-mount installation, utilizing threaded screw holes at the sides of unit chassis). For details, refer to the following installation methods.

DIN Front-mount

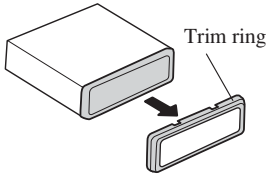
Installation with the rubber bush



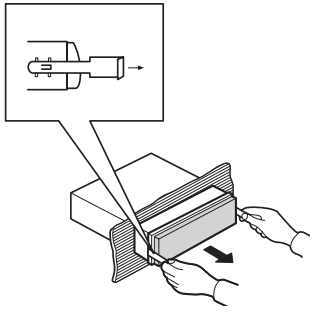
1. Insert the mounting sleeve into the dashboard.
   - When installing in a shallow space, use a supplied mounting sleeve. If there is enough space behind the unit, use factory supplied mounting sleeve.
2. Secure the mounting sleeve by using a screwdriver to bend the metal tabs (90°) into place.
3. Install the unit as illustrated.

Removing the Unit

1. Extend top and bottom of the trim ring outwards to remove the trim ring. When reattaching the trim ring, push the trim ring onto the unit until it clicks. (If the trim ring is attached upside down, the trim ring will not fit properly.)
   - It becomes easy to remove the trim ring if the front panel is released.

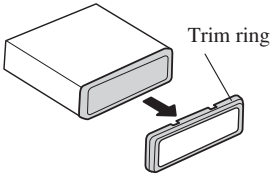


2. Insert the supplied extraction keys into both sides of the unit until they click into place.
3. Pull the unit out of the dashboard.

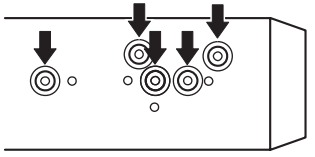


DIN Rear-mount

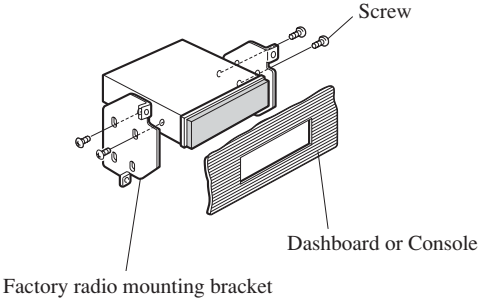
1. Extend top and bottom of the trim ring outwards to remove the trim ring. When reattaching the trim ring, push the trim ring onto the unit until it clicks. (If the trim ring is attached upside down, the trim ring will not fit properly.)
   - It becomes easy to remove the trim ring if the front panel is released.



2. Determine the appropriate position where the holes on the bracket and the side of the unit match.



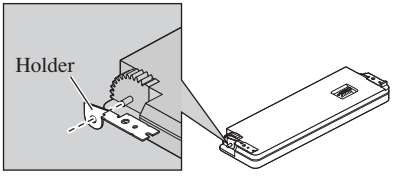
3. Tighten two screws on each side.
   - Use either truss screws (5 mm × 8 mm) or flush surface screws (5 mm × 9 mm), depending on the shape of screw holes in the bracket.



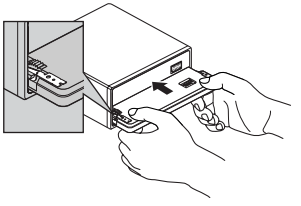
Fastening the front panel

If you do not plan to detach the front panel, the front panel can be fastened with supplied screws and holders.

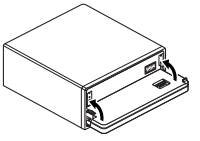
1. Attach the holders to both sides of the front panel.



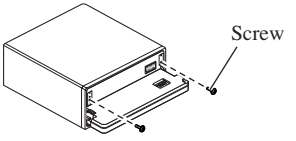
2. Replace the front panel to the unit.



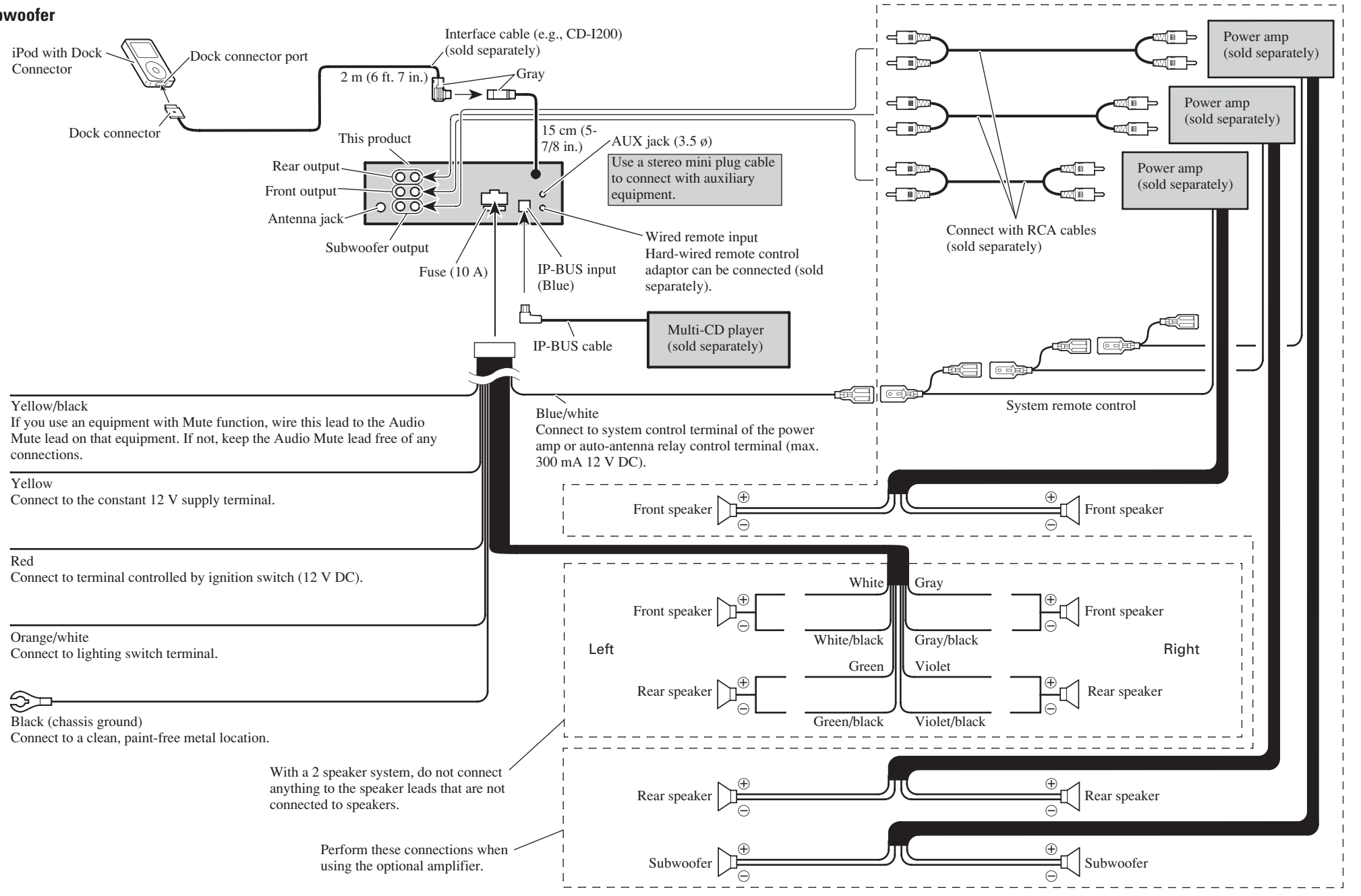
3. Flip the holders into upright positions.



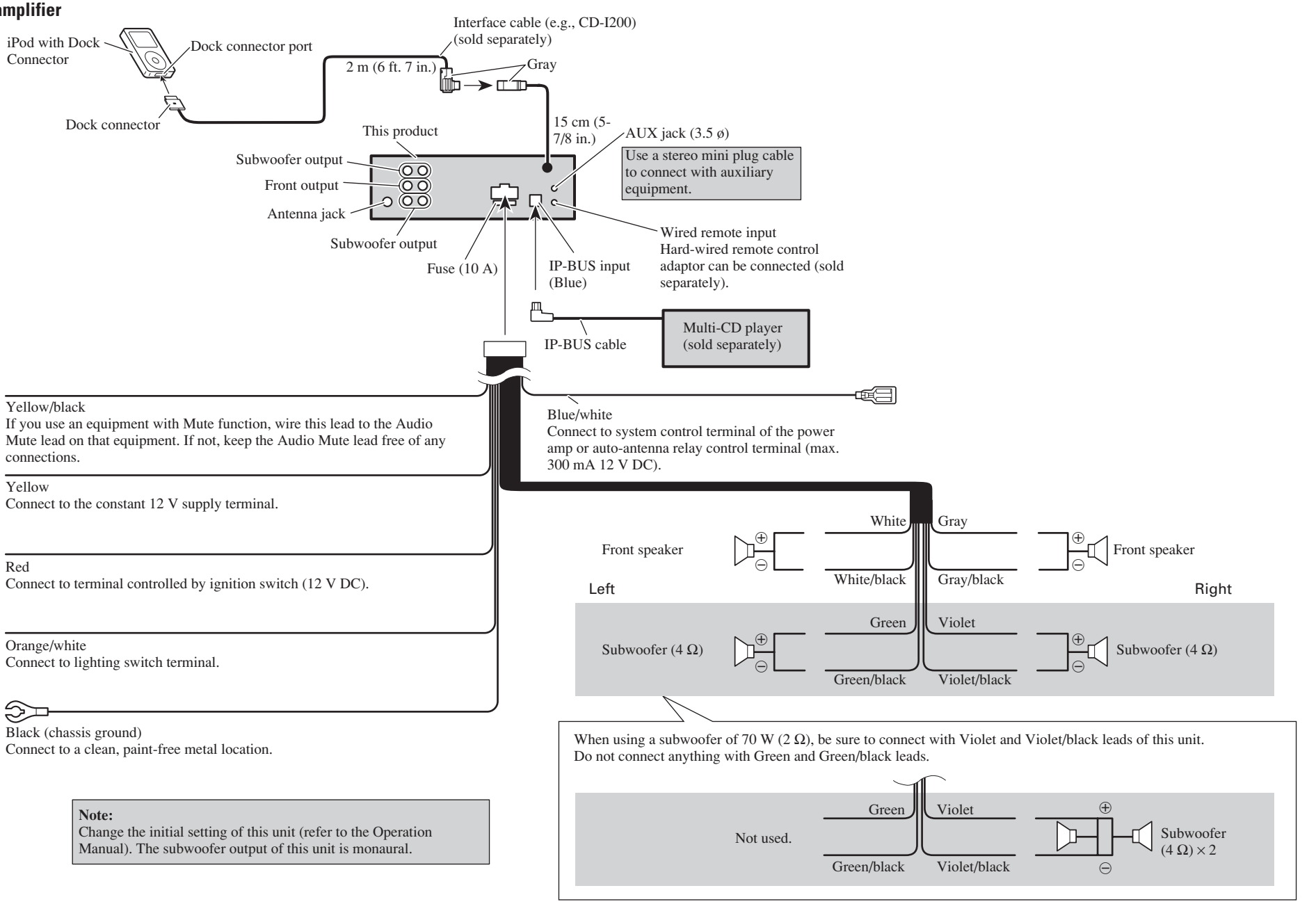
4. Fix the front panel to the unit using screws.



■ **When not connecting a rear speaker lead to a Subwoofer**


iPod with Dock Connector
Dock connector port
Dock connector
Interface cable (e.g., CD-I200) (sold separately)
2 m (6 ft. 7 in.)
Gray
This product
15 cm (5-7/8 in.)
AUX jack (3.5 ø)
Use a stereo mini plug cable to connect with auxiliary equipment.
Rear output
Front output
Antenna jack
Subwoofer output
Fuse (10 A)
IP-BUS input (Blue)
Wired remote input
Hard-wired remote control adaptor can be connected (sold separately).
IP-BUS cable
Multi-CD player (sold separately)
Power amp (sold separately)
Power amp (sold separately)
Power amp (sold separately)
Connect with RCA cables (sold separately)
System remote control
Yellow/black
If you use an equipment with Mute function, wire this lead to the Audio Mute lead on that equipment. If not, keep the Audio Mute lead free of any connections.
Yellow
Connect to the constant 12 V supply terminal.
Red
Connect to terminal controlled by ignition switch (12 V DC).
Orange/white
Connect to lighting switch terminal.
Black (chassis ground)
Connect to a clean, paint-free metal location.
Blue/white
Connect to system control terminal of the power amp or auto-antenna relay control terminal (max. 300 mA 12 V DC).
Front speaker
Front speaker
White
Gray
Front speaker
Front speaker
White/black
Gray/black
Left
Right
Green
Violet
Rear speaker
Rear speaker
Green/black
Violet/black
With a 2 speaker system, do not connect anything to the speaker leads that are not connected to speakers.
Rear speaker
Rear speaker
Perform these connections when using the optional amplifier.
Subwoofer
Subwoofer

■ When using a Subwoofer without using the optional amplifier


iPod with Dock Connector
Dock connector port
Dock connector
Interface cable (e.g., CD-I200) (sold separately)
2 m (6 ft. 7 in.)
Gray
15 cm (5-7/8 in.)
AUX jack (3.5 ø)
Use a stereo mini plug cable to connect with auxiliary equipment.
This product
Subwoofer output
Front output
Antenna jack
Subwoofer output
Fuse (10 A)
IP-BUS input (Blue)
Wired remote input
Hard-wired remote control adaptor can be connected (sold separately).
IP-BUS cable
Multi-CD player (sold separately)
Yellow/black
If you use an equipment with Mute function, wire this lead to the Audio Mute lead on that equipment. If not, keep the Audio Mute lead free of any connections.
Yellow
Connect to the constant 12 V supply terminal.
Red
Connect to terminal controlled by ignition switch (12 V DC).
Orange/white
Connect to lighting switch terminal.
Black (chassis ground)
Connect to a clean, paint-free metal location.
Blue/white
Connect to system control terminal of the power amp or auto-antenna relay control terminal (max. 300 mA 12 V DC).
White
Gray
Front speaker
White/black
Gray/black
Front speaker
Left
Right
Green
Violet
Subwoofer (4 Ω)
Green/black
Violet/black
Subwoofer (4 Ω)
When using a subwoofer of 70 W (2 Ω), be sure to connect with Violet and Violet/black leads of this unit.
Do not connect anything with Green and Green/black leads.
Not used.
Green
Violet
Green/black
Violet/black
Subwoofer (4 Ω) × 2

Note:
Change the initial setting of this unit (refer to the Operation Manual). The subwoofer output of this unit is monaural.

Note:

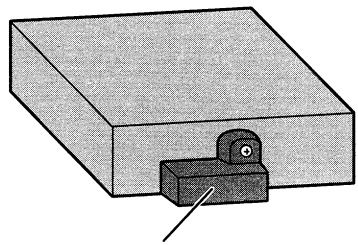
Before installing this unit in your vehicle, refer to the illustration below and remove the tag.
Do not use the parts you have removed (screws etc.) when installing the unit in your vehicle.

Remarque:

Avant d'installer cet appareil dans votre voiture, reportez-vous à l'illustration ci-dessous et retirez cette cosse.
N'utilisez pas les pièces que vous avez retirées (vis, etc.) lors de l'installation de l'appareil dans votre voiture.

Nota:

Antes de instalar esta unidad en su vehículo, refiérase a la ilustración abajo y quite la pieza.
No utilice las partes retiradas (tornillos, etc.) al instalar la unidad en su vehículo.



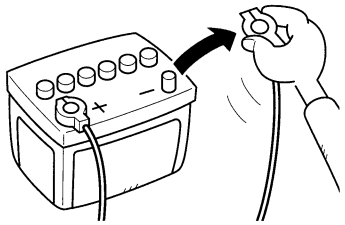


Fig.1

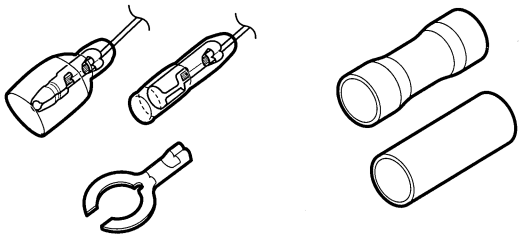


Fig.2

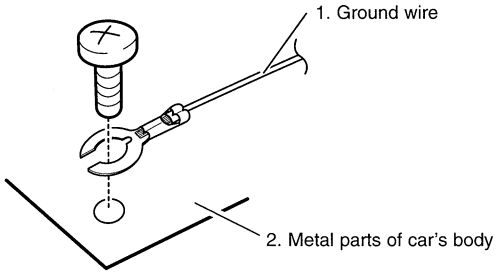


Fig.3

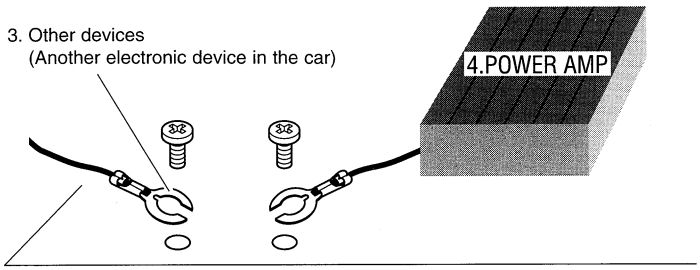


Fig.4

WARNING

Always follow the instructions below when connecting or installing parts. Not following the instructions below may result in the malfunction of this unit. Additionally, if the parts to this unit malfunction the unit may emit smoke or catch fire.

- Always remove a connecter from the ⊖ battery terminal before beginning any connection or installing work. (Fig.1)
- Ensure that the power cord, the ground wire and the speaker are all properly connected. We recommend that you use a plug and a receptacle, solderless contact and a Y connector. (Fig.2)
- When installing this unit, always connect the ground wire first. Ensure that the ground wire is properly connected to metal parts of the car's body. (Fig.3)
  1. Ground wire
  2. Metal parts of car's body
- Connect to this unit only high-powered speakers of over 50W and with impedance between 4 and 8 ohms. Though there are speaker systems with low impedance between 1 and 3 ohms, you must not connect these to this unit.
- When connecting the power amp (sold separately) to this unit ensure that the ground wire for the power amp is properly connected to metal parts of the car's body. Connect the ground wire of the power amp with a different screw from the one you used to connect the ground wire for this unit or any other device. Should the screw for the power amp's ground wire loosen or fall out, it may result in this unit emitting smoke or malfunctioning. (Fig.4)
  3. Other devices (Another electronic device in the car)
  4. POWER AMP
- Cover any terminals not connected with insulation tape so they do not make contact with metal.
- Do not change the speaker connections while this unit is in operation.

If you have any questions regarding the connection or installation or parts, consult your local dealer.

ADVERTENCIA

Siga siempre estas instrucciones antes de conectar o instalar piezas. De lo contrario, puede que esta unidad no funcione correctamente. Además, si las piezas de esta unidad no funcionan correctamente, la unidad puede expulsar humo o fuego.

- Extraiga siempre un conector del terminal de batería ⊖ antes de realizar cualquier conexión o instalación. (Fig.1)
- Asegúrese de que el cable de corriente, el cable de conexión a tierra y el altavoz están correctamente conectados. Le recomendamos que utilice un enchufe y un receptáculo, un contacto sin soldadura y un conector en Y. (Fig.2)
- Cuando instale esta unidad, conecte siempre el cable de conexión a tierra en primer lugar. Asegúrese de que el cable de conexión a tierra está correctamente conectado a las partes metálicas de la carrocería del automóvil. (Fig.3)
  1. Cable de conexión a tierra
  2. Partes metálicas de la carrocería del automóvil
- Conecte a esta unidad únicamente altavoces de alta potencia, de más de 50 W y con una impedancia de entre 4 y 8 ohmios. Aunque existen sistemas de altavoces con baja impedancia entre 1 y 3 ohmios, no debe conectarlos a esta unidad.
- Cuando conecte el amplificador de potencia (vendido por separado) a esta unidad, asegúrese de que el cable de conexión a tierra del amplificador de potencia está conectado correctamente a las partes metálicas de la carrocería del automóvil. Conecte el cable de conexión a tierra del amplificador de potencia con un tornillo distinto del utilizado para conectar el cable de conexión a tierra de esta unidad o cualquier otro dispositivo. En caso de que el tornillo del cable de conexión a tierra del amplificador de potencia se afloje o se suelte, la unidad puede expulsar humo o dejar de funcionar correctamente. (Fig.4)
  3. Otros dispositivos (otro dispositivo electrónico del automóvil)
  4. AMPLIFICADOR DE POTENCIA
- Cubra cualquier terminal no conectado con cinta aislante para que no haga contacto con el metal.
- No cambie las conexiones del altavoz mientras esta unidad esté en funcionamiento.

Si tiene alguna pregunta en relación con la conexión o la instalación de piezas, consulte a su distribuidor local.

AVERTISSEMENT

Veuillez toujours suivre les instructions indiquées ci-dessous lors du branchement ou de l'installation des pièces. Ne pas suivre les instructions indiquées ci-dessous peut entraîner un mauvais fonctionnement de l'unité. En outre, si les pièces de cette unité fonctionnent mal, de la fumée pourra sortir de l'unité ou cette dernière pourra prendre feu.

- Assurez-vous de toujours enlever un connecteur de la prise ⊖ de la batterie avant de d'effectuer un branchement ou un travail d'installation. (Fig.1)
- Assurez-vous que le cordon d'alimentation, le fil de terre et l'enceinte sont branchés correctement. Nous vous recommandons d'utiliser une fiche et une prise de courant (femelle), un contact sans soudure et un raccord en Y. (Fig.2)
- Quand vous installez l'unité, veuillez toujours brancher le fil de terre en premier. Assurez-vous que le fil de terre est branché correctement aux pièces métalliques de la carrosserie de la voiture. (Fig.3)
  1. Fil de terre
  2. Pièces métalliques de la carrosserie de la voiture
- Assurez-vous de ne brancher à cette unité que des enceintes à haute puissance de plus de 50 W et d'une impédance entre 4 et 8 ohms. Même s'il existe des systèmes d'enceintes avec une impédance basse entre 1 et 3 ohms, vous ne devez pas brancher ce type d'enceintes à l'unité.
- Quand vous branchez l'amplificateur de puissance (vendu séparément) à cette unité, assurez-vous que le fil de terre de l'amplificateur de puissance est branché correctement aux pièces métalliques de la carrosserie de la voiture. Branchez le fil de terre de l'amplificateur de puissance avec un tournevis différent de celui que vous avez utilisé pour brancher le fil de terre à l'unité ou un autre dispositif. Si la vis du fil de terre de l'amplificateur de puissance se desserre ou tombe, de la fumée pourra sortir de l'unité ou elle fonctionnera mal. (Fig.4)
  3. Autres dispositifs (Un autre dispositif électronique dans la voiture)
  4. AMPLIFICATEUR DE PUISSSANCE
- Couvrez toutes les prises qui ne sont pas branchées avec du ruban isolant pour qu'elles ne soient pas en contact avec du métal.
- Ne changez pas les branchements de l'enceinte quand l'unité est en marche.

Si vous avez des questions sur le branchement ou l'installation des pièces, veuillez consulter votre revendeur local.

ADVERTÊNCIA

Siga sempre as seguintes instruções quando realizar a ligação ou instalação de peças. O não cumprimento das seguintes instruções pode resultar no funcionamento incorrecto desta unidade. Para além disso, se as peças desta unidade não funcionarem correctamente, a unidade pode produzir fumo e incendiar.

- Retire sempre um ligador do terminal da bateria ⊖ antes de realizar qualquer trabalho de ligação ou instalação. (Fig.1)
- Certifique-se de que o cabo de alimentação, o fio terra e a coluna estão devidamente ligados. Recomendamos a utilização de uma ficha e de uma tomada, de um contacto sem solda e de um conector em Y. (Fig.2)
- Quando instalar esta unidade, ligue sempre em primeiro lugar o fio terra. Certifique-se de que o fio terra está devidamente ligado a partes metálicas da carroçaria do automóvel. (Fig.3)
  1. Fio terra
  2. Peças metálicas da carroçaria do automóvel
- Ligue a esta unidade apenas a colunas de elevado desempenho com potência superior a 50W e com impedância entre 4 e 8 ohms. Embora existam colunas com baixa impedância, entre 1 e 3 ohms, não deve ligá-las a esta unidade.
- Quando ligar o amplificador (vendido em separado) a esta unidade, certifique-se de que o fio terra para o amplificador está devidamente ligado a peças metálicas da carroçaria do automóvel. Ligue o fio terra do amplificador com um parafuso diferente do utilizado para ligar o fio terra a esta unidade ou a qualquer outro dispositivo. Se o parafuso do amplificador se soltar ou cair, poderá fazer com que a unidade comece a deitar fumo ou a funcionar mal. (Fig.4)
  3. Outros dispositivos (Outra unidade electrónica no automóvel)
  4. AMPLIFICADOR
- Tape todos os terminais não ligados com fita isoladora de forma a que não fiquem em contacto com o metal.
- Não mude as ligações das colunas enquanto a unidade estiver a funcionar.

Em caso de dúvidas relacionadas com a ligação ou instalação de peças, consulte o seu distribuidor local.

About the Demo Mode

This product features two demonstration modes. One is the Reverse Demo mode, the other is the Feature Demo mode.

Reverse Demo

If you do not perform an operation within about 30 seconds, screen indications start to reverse, and then continue reversing every 10 seconds. Pressing button BAND when power to this product is switched OFF while the ignition switch is set to ACC or ON cancels the Reverse Demo mode. Pressing button BAND again to start the Reverse Mode.

Feature Demo

The Feature Demo automatically starts when power to this product is switched OFF while the ignition switch is set to ACC or ON. Pressing button DISPLAY during Feature Demo operation cancels the Feature Demo mode. Pressing button DISPLAY again to start the Feature Mode. Remember that if the Feature Demo continues operating when the car engine is switched OFF, it may drain battery power.

Note:

- The red lead (ACC) of this product should be connected to a terminal coupled with ignition switch ON/OFF operations. If this is not done, the vehicle battery may be drained.

Acerca del modo de demostración

Este producto presenta dos modos de demostraciones. Uno es el modo de demostración de retroceso, el otro es el modo de demostración de característica.

Demostración de retroceso

Si no realiza ninguna operación dentro de 30 segundos, las indicaciones de la pantalla comienzan a retroceder, y luego continúan retrocediendo cada 10 segundos. Al presionar el botón BAND cuando se desactiva este producto, mientras el interruptor de encendido se ajusta a ACC y ON cancela el modo de demostración de retroceso. Presione el botón BAND nuevamente para iniciar la demostración de retroceso.

Demostración de característica

La demostración de característica se inicia cuando la alimentación de este producto se desactiva mientras el interruptor de encendido se ajusta a ACC u ON.
La presión del botón DISPLAY durante la operación de demostración de característica cancela el modo de demostración de característica. Presione el botón DISPLAY nuevamente para iniciar la demostración de característica.
Tenga en cuenta que si la demostración de característica continúa funcionando cuando se apaga el motor del coche, la batería puede agotarse.

Nota:

- El cable rojo (ACC) de este producto se debe conectar al terminal acoplado con las operaciones de activación/desactivación del encendido. Caso contrario, la batería del vehículo puede drenarse.

Quelques mots sur la démonstration

Cet appareil possède deux modes de démonstration: démonstration inverse et démonstration des possibilités.

Démonstration inverse

Si vous n'effectuez aucune opération pendant environ 30 secondes, les indications s'affichent sur l'écran dans l'ordre inverse et cela à intervalle de 10 secondes. Vous pouvez annuler le mode de démonstration inverse en appuyant sur la touche BAND alors que l'appareil n'est pas sous tension et que le contacteur d'fallumage est sur la position ACC, ou ON. Appuyez de nouveau sur la touche BAND pour commencer la démonstration inverse.

Démonstration des possibilités

La démonstration des possibilités commence aussitôt que l'appareil est mis hors tension alors que le contacteur d'allumage est sur la position ACC, ou ON.
Vous pouvez annuler le mode de démonstration des possibilités en appuyant sur la touche DISPLAY tandis que cette démonstration est en cours. Appuyez de nouveau sur la touche DISPLAY pour commencer la démonstration des possibilités.
Sachez que si la démonstration des possibilités se poursuit alors que le moteur du véhicule est arrêté, la batterie peut être complètement déchargée.

Remarque:

- Le fil rouge (ACC) de cet appareil doit être relié à une borne couplée avec le fonctionnement de l'interrupteur d'allumage. Sinon, la batterie risque de se décharger.

Sobre o modo de demonstração

Este produto vem com dois modos de demonstração. Um é o modo de demonstração inversa e o outro é o modo de demonstração de funções.

Demonstração inversa

Se você não realizar nenhuma operação dentro de 30 segundos, as indicações no mostrador começam a inverter-se, continuando a inverter-se cada 10 segundos. Pressionar o botão BAND com o produto desligado e com a chave de ignição em ACC ou ON cancela o modo de demonstração inversa. Pressione o botão BAND de novo para iniciar a demonstração inversa.

Demonstração das funções

A demonstração das funções começa automaticamente quando o produto é desligado com a chave de ignição na posição ACC ou ON.
Pressionar o botão DISPLAY durante a demonstração das funções cancela o modo de demonstração das funções. Pressione o botão DISPLAY de novo para iniciar a demonstração das funções.
Lembre-se de que se a demonstração das funções continuar funcionando com o motor do automóvel desligado, ela pode esgotar a bateria.

Nota:

- O cabo vermelho (ACC) deste produto deve ser conectado ao terminal acoplado com as operações de ligar/desligar da chave de ignição. Caso contrário, a bateria do veículo pode drenar-se.

PIONEER ELECTRONICS (USA) INC. PIONEER ELECTRONICS OF CANADA, INC.

LIMITED WARRANTY

WARRANTY VALID ONLY IN COUNTRY OF PRODUCT PURCHASE

WARRANTY

Pioneer Electronics (USA) Inc. (PUSA), and Pioneer Electronics Of Canada, Inc. (POC), warrant that products distributed by PUSA in the U.S.A., and by POC in Canada that fail to function properly under normal use due to a manufacturing defect when installed and operated according to the owner's manual enclosed with the unit will be repaired or replaced with a unit of comparable value, at the option of PUSA or POC, without charge to you for parts or actual repair work. Replacement units and/or parts supplied under this warranty may be new or rebuilt at the option of PUSA or POC.

THIS LIMITED WARRANTY APPLIES TO THE ORIGINAL OR ANY SUBSEQUENT OWNER OF THIS PIONEER PRODUCT DURING THE WARRANTY PERIOD PROVIDED THE PRODUCT WAS PURCHASED FROM AN AUTHORIZED PIONEER DISTRIBUTOR/DEALER IN THE U.S.A. OR CANADA. YOU WILL BE REQUIRED TO PROVIDE A SALES RECEIPT OR OTHER VALID PROOF OF PURCHASE SHOWING THE DATE OF ORIGINAL PURCHASE OR, IF RENTED, YOUR RENTAL CONTRACT SHOWING THE PLACE AND DATE OF FIRST RENTAL. IN THE EVENT SERVICE IS REQUIRED, THE PRODUCT MUST BE DELIVERED WITHIN THE WARRANTY PERIOD, TRANSPORTATION PREPAID, ONLY FROM WITHIN THE COUNTRY OF PURCHASE AS EXPLAINED IN THIS DOCUMENT. YOU WILL BE RESPONSIBLE FOR REMOVAL AND INSTALLATION OF THE PRODUCT. PUSA OR POC, AS APPROPRIATE, WILL PAY TO RETURN THE REPAIRED OR REPLACEMENT PRODUCT TO YOU WITHIN THE COUNTRY OF PURCHASE.

PRODUCT WARRANTY PERIOD

	Parts	Labor
Car Stereo Products	**1 Year**	**1 Year**

The warranty period for retail customers who rent the product commences upon the date product is first put into use (a) during the rental period or (b) retail sale, whichever occurs first.

WHAT IS NOT COVERED

IF THIS PRODUCT WAS PURCHASED FROM AN UNAUTHORIZED DISTRIBUTOR, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND THIS PRODUCT IS SOLD STRICTLY "AS IS" AND "WITH ALL FAULTS".

PIONEER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL AND/OR INCIDENTAL DAMAGES.

PIONEER DOES NOT WARRANT ANY PRODUCT LISTED ABOVE WHEN IT IS USED IN A TRADE OR BUSINESS OR IN ANY INDUSTRIAL OR COMMERCIAL APPLICATION.

THIS WARRANTY DOES NOT APPLY IF THE PRODUCT HAS BEEN SUBJECTED TO POWER IN EXCESS OF ITS PUBLISHED POWER RATING.

THIS WARRANTY DOES NOT COVER DISPLAY SCREENS DAMAGED BY STATIC, NON-MOVING, IMAGES APPLIED FOR LENGTHY PERIODS (BURN-IN).

THIS WARRANTY DOES NOT COVER THE CABINET OR ANY APPEARANCE ITEM, USER ATTACHED ANTENNA, ANY DAMAGE TO RECORDS OR RECORDING TAPES OR DISCS, ANY DAMAGE TO THE PRODUCT RESULTING FROM ALTERATIONS, MODIFICATIONS NOT AUTHORIZED IN WRITING BY PIONEER, ACCIDENT, MISUSE OR ABUSE, DAMAGE DUE TO LIGHTNING OR TO POWER SURGES, SUBSEQUENT DAMAGE FROM LEAKING, DAMAGE FROM INOPERATIVE BATTERIES, OR THE USE OF BATTERIES NOT CONFORMING TO THOSE SPECIFIED IN THE OWNER'S MANUAL.

THIS WARRANTY DOES NOT COVER THE COST OF PARTS OR LABOR WHICH WOULD BE OTHERWISE PROVIDED WITHOUT CHARGE UNDER THIS WARRANTY OBTAINED FROM ANY SOURCE OTHER THAN A PIONEER AUTHORIZED SERVICE COMPANY OR OTHER DESIGNATED LOCATION. THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGE CAUSED BY THE USE OF UNAUTHORIZED PARTS OR LABOR OR FROM IMPROPER MAINTENANCE.

ALTERED, DEFACED, OR REMOVED SERIAL NUMBERS VOID THIS ENTIRE WARRANTY

NO OTHER WARRANTIES

IN THE U.S.A. - PIONEER LIMITS ITS OBLIGATIONS UNDER ANY IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO A PERIOD NOT TO EXCEED THE WARRANTY PERIOD. NO WARRANTIES SHALL APPLY AFTER THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND SOME STATES DO NOT ALLOW THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

IN CANADA - EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO REPRESENTATIONS, WARRANTIES, OBLIGATIONS OR CONDITIONS, IMPLIED, STATUTORY OR OTHERWISE, APPLICABLE TO THIS PRODUCT.

TO OBTAIN SERVICE

In the U.S.A. or Canada to receive warranty service you need to present your sales receipt or your rental contract showing place and date of original owner's transaction.

USA - Please contact one of the following Pioneer partners to obtain service:

Your Authorized Pioneer Dealer - Your Pioneer Dealer may repair or replace your unit, or refer you to an Authorized Pioneer Service Company. Your sales receipt should list the contact information (phone number, fax, email, etc.) for your Dealer.

Your Authorized Pioneer Service Company - Can perform repairs for most Car Electronics products and can advise other options as applicable. Please access the Pioneer website at **www.pioneerelectronics.com** and click on **Service and Support** and select **Authorized Service Locator** to find the nearest Pioneer servicer.

Pioneer Electronics Service - Can advise the optimal service option for your model and geographic location. Please reference the information listed below and phone, email or access the Pioneer website to contact Pioneer.

CANADA - POC has a number of Authorized Service Companies should your product require service. Contact Pioneer of Canada as listed below to obtain a local service location.

Shipping Your Unit for Service - Please package it carefully and send it, transportation prepaid by a traceable, insured method, to an Authorized Service Company or Pioneer. Use adequate padding material to prevent damage in transit. Include your name, address and telephone number where you can be reached during business hours.

On all complaints and concerns in the U.S.A. call Customer Support at 1-800-421-1404, or, in Canada, call Customer Satisfaction at (905) 479-4411.

IN THE U.S.A.

For hook-up and operation of your unit or to locate an Authorized Service Company, please call or write:

PIONEER ELECTRONICS SERVICE, INC.
P.O. BOX 1760
LONG BEACH, CALIFORNIA 90801
1-800-421-1404
http://www.pioneerelectronics.com

IN CANADA

For additional information on this warranty, please call or write:

CUSTOMER SATISFACTION GROUP
PIONEER ELECTRONICS OF CANADA, INC.
300 ALLSTATE PARKWAY
MARKHAM, ON L3R 0P2
(905) 479-4411 1-877-283-5901
http://www.pioneerelectronics.com

DISPUTE RESOLUTION

IN THE U.S.A. - Following our response to any initial request to Customer Support, should a dispute arise between you and Pioneer, Pioneer makes available its Complaint Resolution Program to resolve the dispute. The Complaint Resolution Program is available to you without charge. You are required to use the Complaint Resolution Program before you exercise any rights under, or seek any remedies, created by Title I of the Magnuson-Moss Warranty-Federal Trade Commission Improvement Act, 15 U.S.C. 2301 *et seq.*

To use the Complaint Resolution Program call 1-800-421-1404 and explain to the customer service representative the problem you are experiencing, steps you have taken to have the product repaired during the warranty period and the name of the authorized Distributor/Dealer from whom the Pioneer product was purchased. After the complaint has been explained to the representative, a resolution number will be issued. Within 40 days of receiving your complaint, Pioneer will investigate the dispute and will either: (1) respond to your complaint in writing informing you what action Pioneer will take, and in what time period, to resolve the dispute; or (2) respond to your complaint in writing informing you why it will not take any action.

IN CANADA - Call the Customer Satisfaction Manager at (905) 946-7446 to discuss your complaint and to obtain a prompt resolution.

RECORD THE PLACE AND DATE OF PURCHASE FOR FUTURE REFERENCE

Model No. _____ Serial No. _____ Purchase Date _____

Purchased From _____

KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

< CRY1246-A/N >
Printed in Thailand